

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038374.D
 Acq On : 19 Oct 2023 10:46
 Operator : JC/MD
 Sample : VX1019WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 03:36:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	138789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101538	45.485	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.980%		
35) Dibromofluoromethane	5.385	113	82646	50.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	8.647	98	307980	48.897	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.800%		
62) 4-Bromofluorobenzene	11.079	95	122020	51.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	27829	20.773	ug/l	98
3) Chloromethane	1.294	50	27530	20.162	ug/l	97
4) Vinyl Chloride	1.374	62	33003	21.800	ug/l	98
5) Bromomethane	1.605	94	33675	16.363	ug/l	99
6) Chloroethane	1.685	64	23517	21.473	ug/l	99
7) Trichlorofluoromethane	1.886	101	64234	21.481	ug/l	99
8) Diethyl Ether	2.130	74	23485	21.059	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	27394	20.985	ug/l	96
10) Methyl Iodide	2.453	142	34593	18.418	ug/l	95
11) Tert butyl alcohol	2.953	59	44609	83.122	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	25464	20.053	ug/l	86
13) Acrolein	2.233	56	23604	74.378	ug/l	98
14) Allyl chloride	2.666	41	40581	17.867	ug/l	92
15) Acrylonitrile	3.062	53	97916	96.385	ug/l	99
16) Acetone	2.373	43	95915	102.950	ug/l	97
17) Carbon Disulfide	2.514	76	61753	16.873	ug/l	98
18) Methyl Acetate	2.697	43	80644	20.185	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	97408	19.261	ug/l	99
20) Methylene Chloride	2.788	84	31967	18.241	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	30597	19.461	ug/l	85
22) Diisopropyl ether	3.757	45	93513	19.645	ug/l	94
23) Vinyl Acetate	3.721	43	343546	98.413	ug/l	97
24) 1,1-Dichloroethane	3.605	63	53629	18.564	ug/l	98
25) 2-Butanone	4.550	43	148092	98.517	ug/l	90
26) 2,2-Dichloropropane	4.477	77	42552	18.866	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	37594	20.077	ug/l	90
28) Bromochloromethane	4.897	49	24820	19.032	ug/l	85
29) Tetrahydrofuran	5.001	42	93771	95.813	ug/l	89
30) Chloroform	5.092	83	64819	20.519	ug/l	100
31) Cyclohexane	5.470	56	45582	18.847	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	52889	19.546	ug/l	100
36) 1,1-Dichloropropene	5.690	75	44414	19.540	ug/l	97
37) Ethyl Acetate	4.708	43	54773	20.290	ug/l	98
38) Carbon Tetrachloride	5.678	117	44929	20.093	ug/l	94
39) Methylcyclohexane	7.379	83	54491	20.467	ug/l	93
40) Benzene	6.037	78	130581	20.540	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25878	19.270	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	52440	20.645	ug/l	99
43) Isopropyl Acetate	6.336	43	79846	19.813	ug/l	97
44) Trichloroethene	7.123	130	35363	21.267	ug/l	97
45) 1,2-Dichloropropane	7.427	63	34002	20.665	ug/l	100
46) Dibromomethane	7.580	93	26958	21.124	ug/l	97
47) Bromodichloromethane	7.824	83	47528	20.935	ug/l	96
48) Methyl methacrylate	7.690	41	39394	20.477	ug/l #	85
49) 1,4-Dioxane	7.659	88	18121	382.245	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	293905	105.735	ug/l	97
52) Toluene	8.720	92	88434	21.354	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	49142	20.166	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	53780	21.005	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	38593	21.787	ug/l	95
56) Ethyl methacrylate	9.116	69	55758	20.531	ug/l	92
57) 1,3-Dichloropropane	9.305	76	60958	21.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	125134	93.867	ug/l	100
59) 2-Hexanone	9.427	43	237286	106.186	ug/l	97
60) Dibromochloromethane	9.518	129	37158	21.434	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42018	21.935	ug/l	98
64) Tetrachloroethene	9.275	164	31520	20.738	ug/l	96
65) Chlorobenzene	10.079	112	98858	20.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34484	20.757	ug/l	98
67) Ethyl Benzene	10.195	91	176972	20.180	ug/l	100
68) m/p-Xylenes	10.299	106	136641	40.297	ug/l	99
69) o-Xylene	10.640	106	65897	19.912	ug/l	99
70) Styrene	10.652	104	111039	20.603	ug/l	96
71) Bromoform	10.799	173	27148	19.470	ug/l #	99
73) Isopropylbenzene	10.963	105	177661	20.117	ug/l	99
74) N-amyl acetate	10.841	43	72028	19.099	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	68046	20.998	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59858m	19.994	ug/l	
77) Bromobenzene	11.195	156	45059	20.898	ug/l	88
78) n-propylbenzene	11.305	91	215255	19.934	ug/l	100
79) 2-Chlorotoluene	11.366	91	125409	19.582	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	154643	20.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16017	18.396	ug/l	97
82) 4-Chlorotoluene	11.451	91	148696	19.622	ug/l	97
83) tert-Butylbenzene	11.713	119	148792	19.986	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	153126	20.157	ug/l	99
85) sec-Butylbenzene	11.890	105	197600	20.489	ug/l	100
86) p-Isopropyltoluene	12.006	119	162051	20.366	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	87293	20.157	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	89394	20.219	ug/l	99
89) n-Butylbenzene	12.335	91	156080	19.696	ug/l	96
90) Hexachloroethane	12.536	117	24801	18.799	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	83862	20.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14847	18.949	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	55859	20.007	ug/l	97
94) Hexachlorobutadiene	13.725	225	23983	21.342	ug/l	98
95) Naphthalene	13.774	128	188913	19.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55370	20.481	ug/l	98

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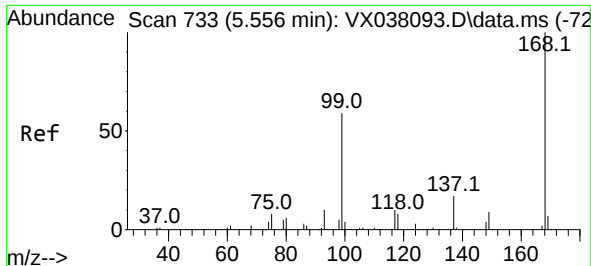
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

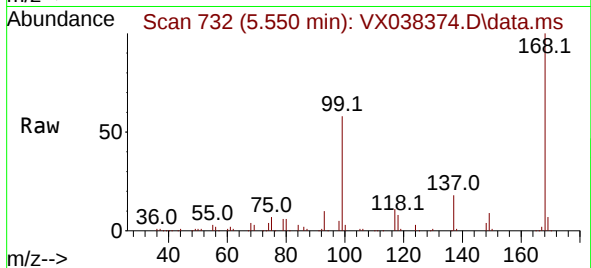
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038374.D
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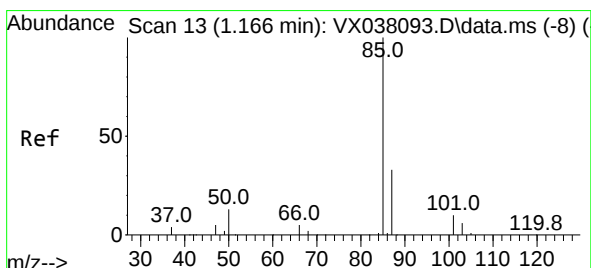
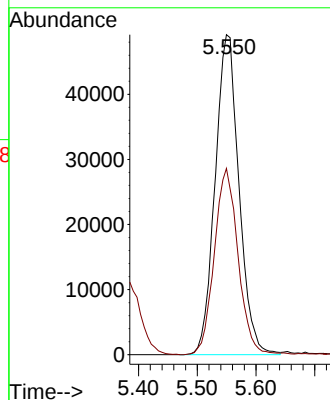
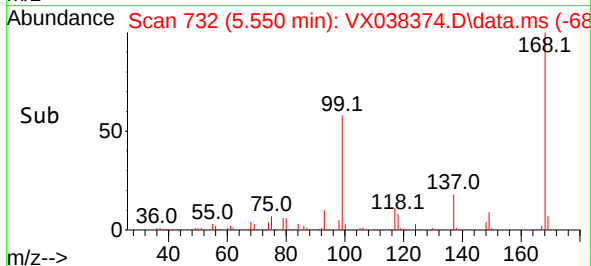
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion:168 Resp: 138789
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0

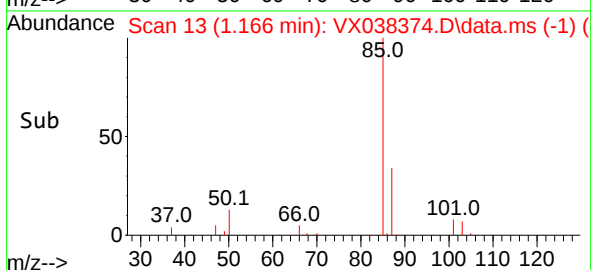
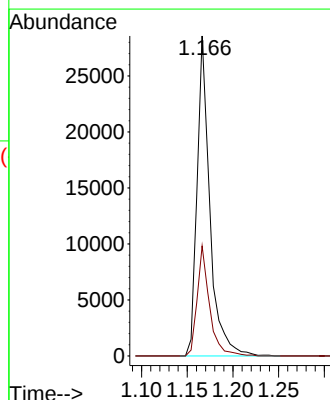
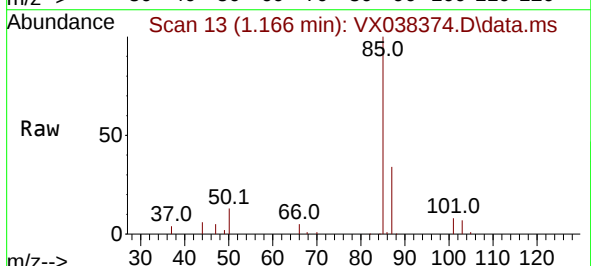
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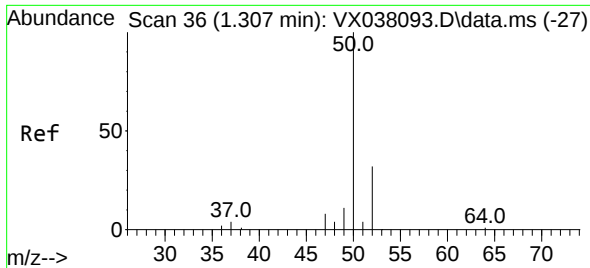
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 20.773 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 85 Resp: 27829
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.1





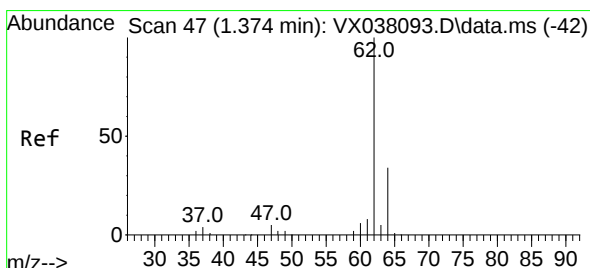
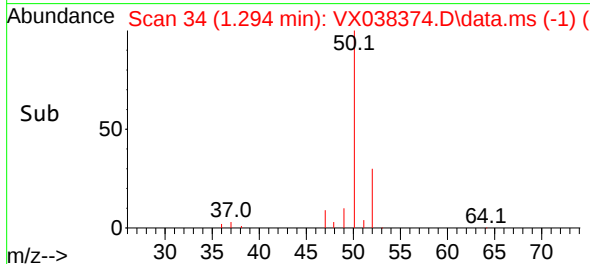
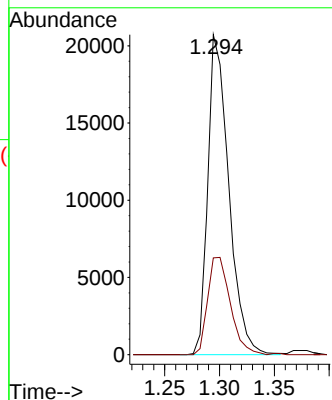
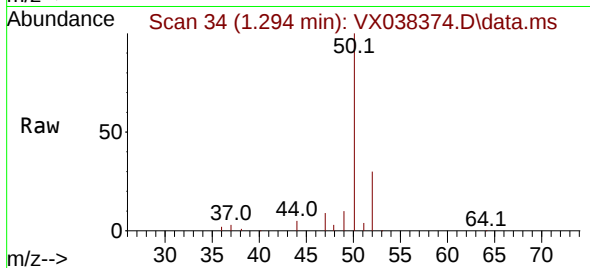
#3
Chloromethane
Concen: 20.162 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
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Tgt Ion: 50 Resp: 27530
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

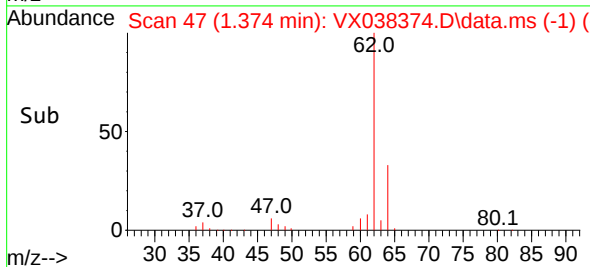
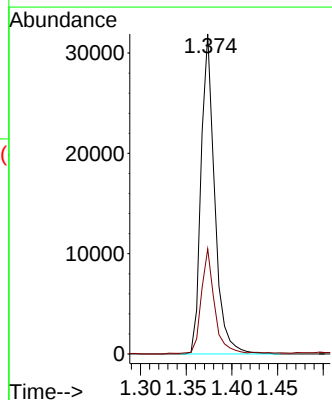
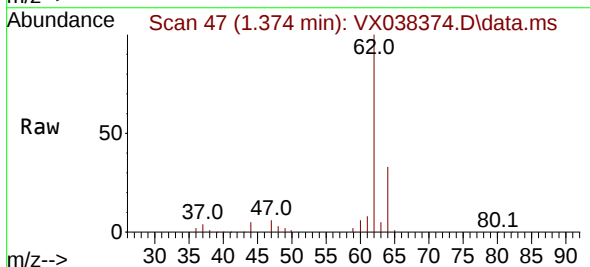
Manual Integrations
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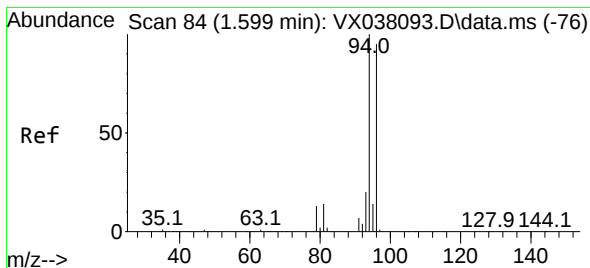
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 21.800 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 62 Resp: 33003
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5

Bromomethane

Concen: 16.363 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 94 Resp: 33679

Ion Ratio Lower Upper

94 100

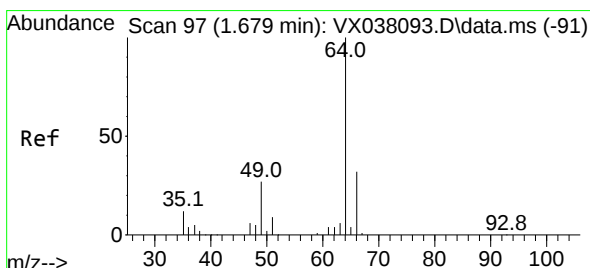
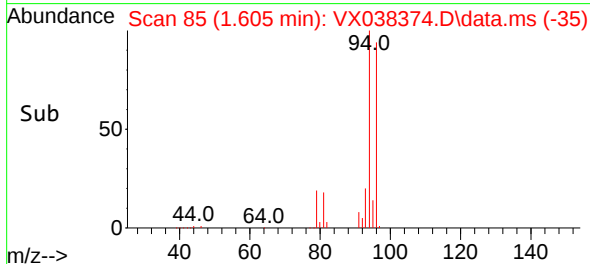
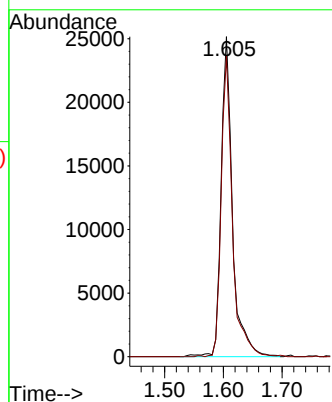
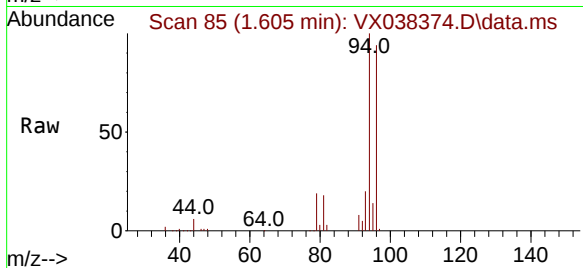
96 93.8 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 21.473 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.006 min

Lab File: VX038374.D

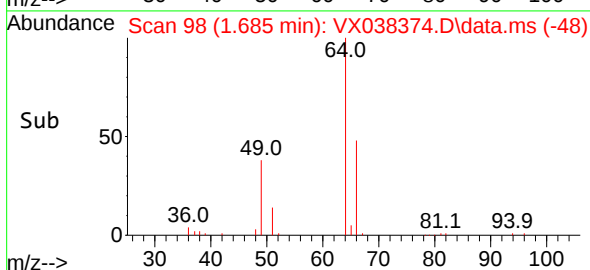
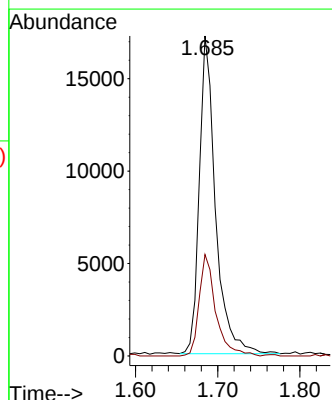
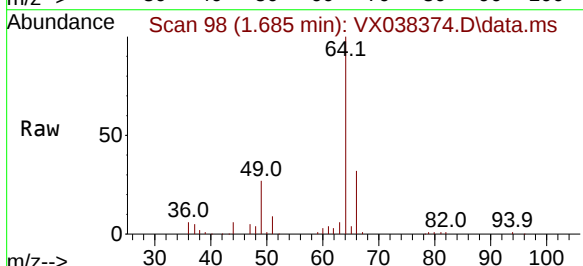
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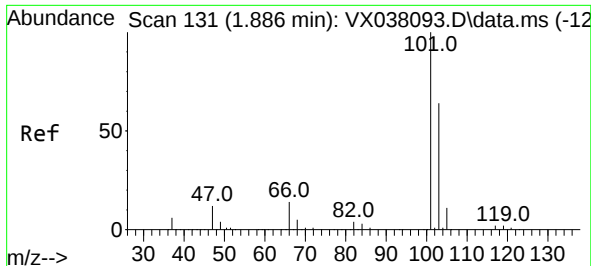
Tgt Ion: 64 Resp: 23517

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7





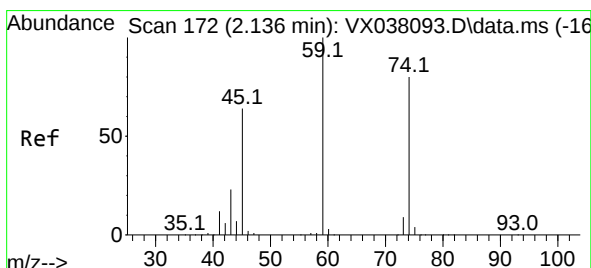
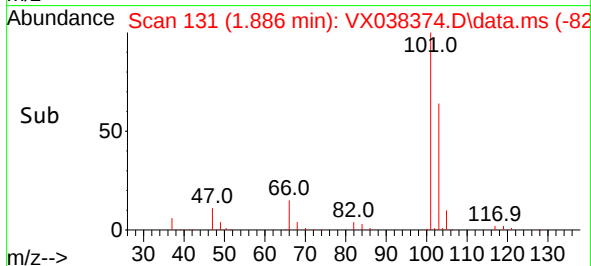
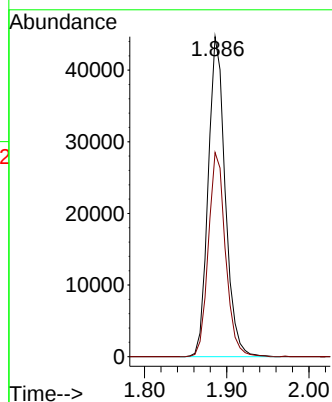
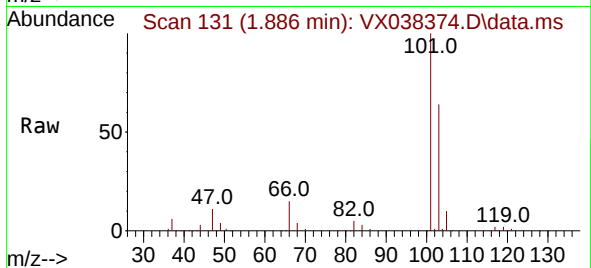
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 Trichlorofluoromethane
 Concen: 21.481 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038374.D
 Acq: 19 Oct 2023 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01

Tgt Ion:101 Resp: 64234
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

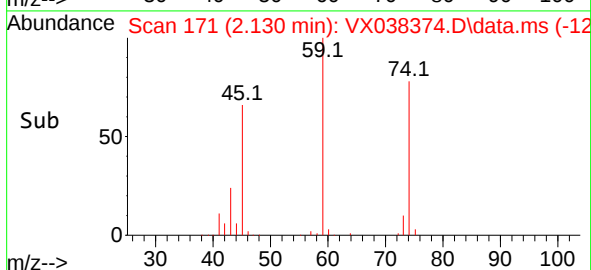
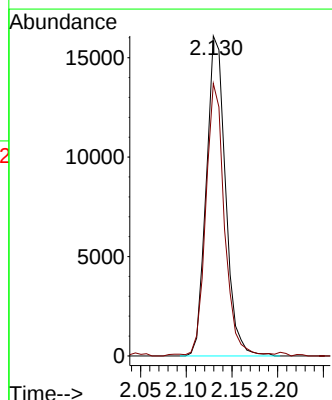
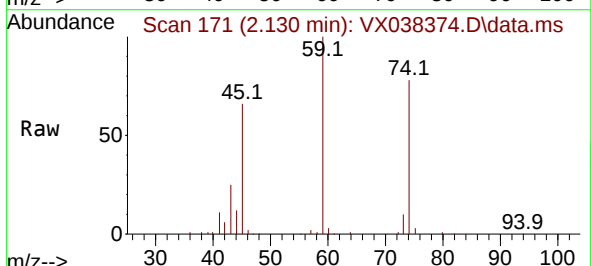
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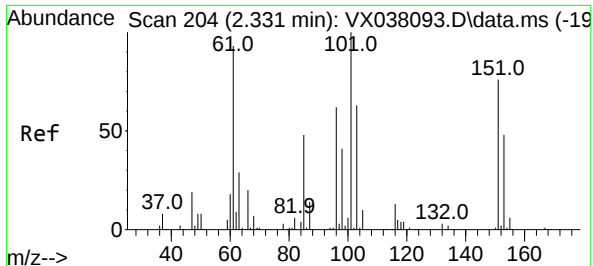
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#8
 Diethyl Ether
 Concen: 21.059 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038374.D
 Acq: 19 Oct 2023 10:46

Tgt Ion: 74 Resp: 23485
 Ion Ratio Lower Upper
 74 100
 45 82.9 53.3 159.8





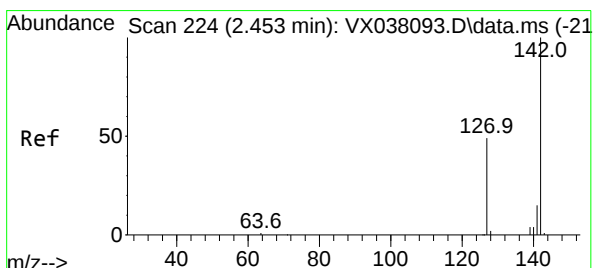
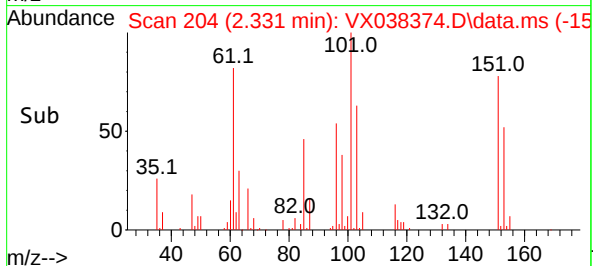
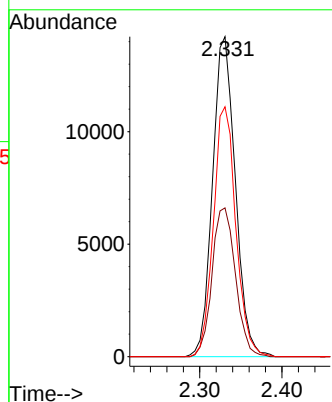
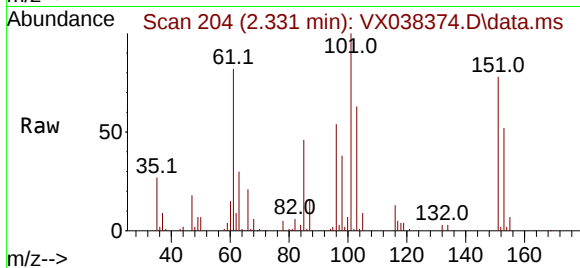
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.985 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion:101 Resp: 27394
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 77.0 58.6 87.8

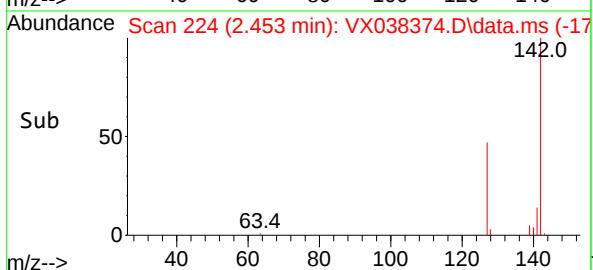
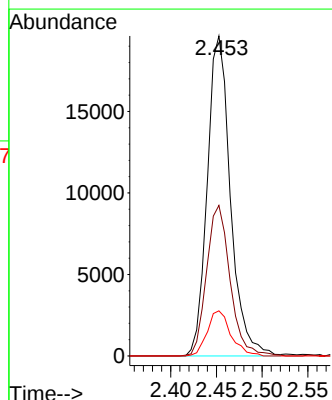
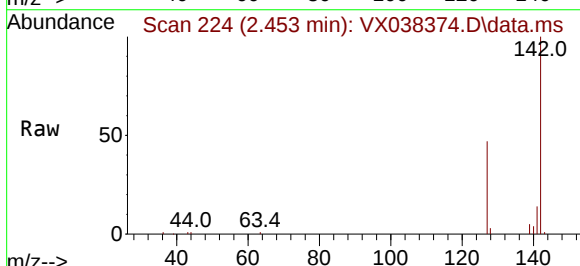
Manual Integrations
APPROVED

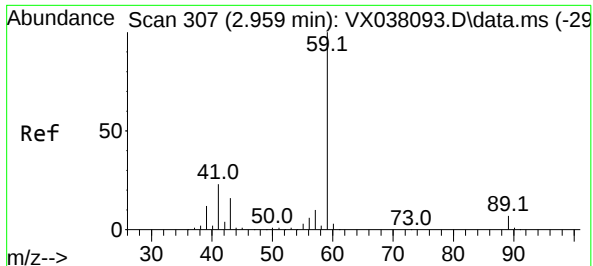
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 18.418 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion:142 Resp: 34593
Ion Ratio Lower Upper
142 100
127 47.8 41.6 62.4
141 14.4 11.6 17.4





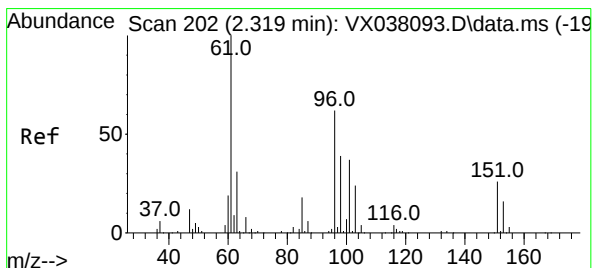
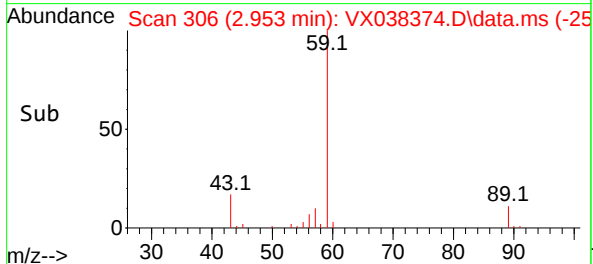
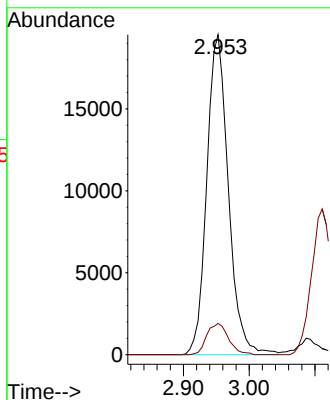
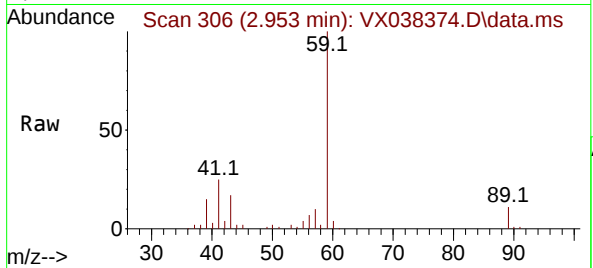
#11
Tert butyl alcohol
Concen: 83.122 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 59 Resp: 44609
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

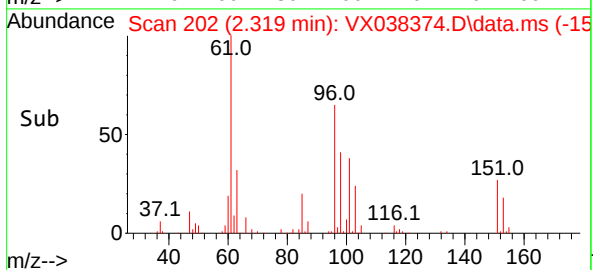
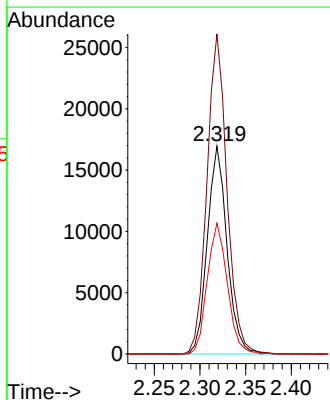
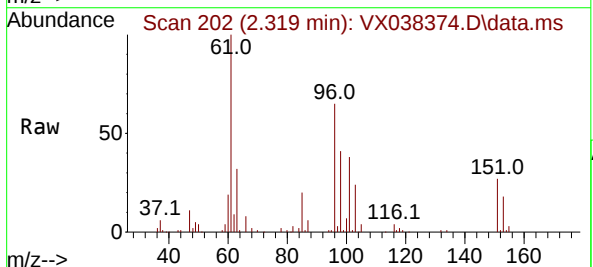
Manual Integrations
APPROVED

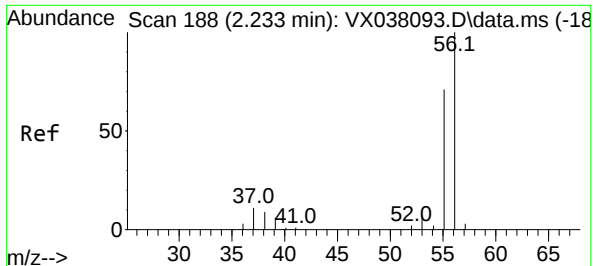
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 20.053 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

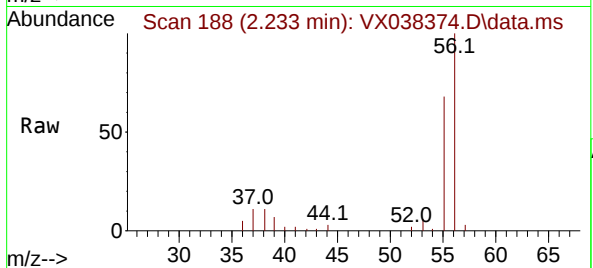
Tgt Ion: 96 Resp: 25464
Ion Ratio Lower Upper
96 100
61 154.0 144.6 216.8
98 62.9 50.4 75.6





#13
Acrolein
Concen: 74.378 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

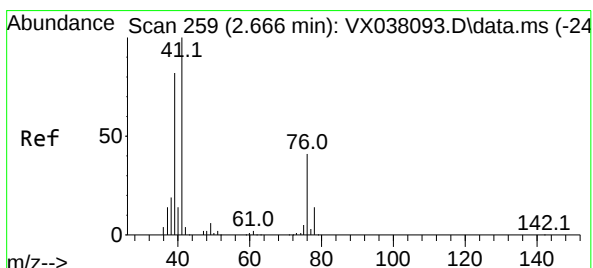
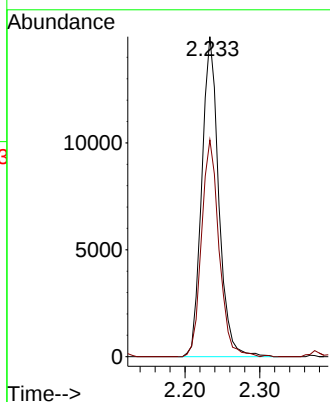
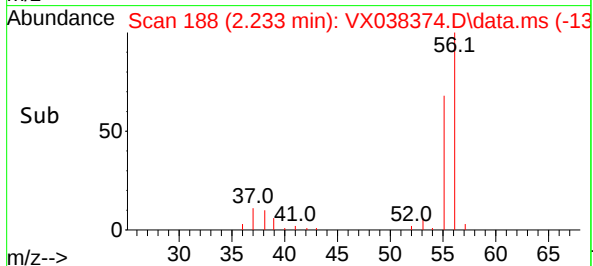
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 56 Resp: 23604
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

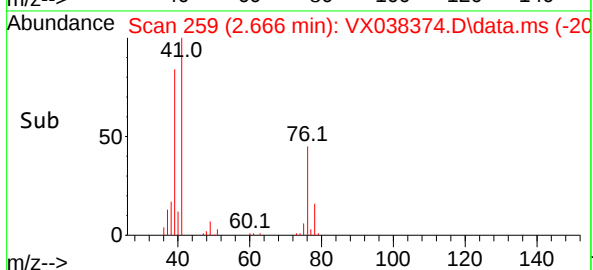
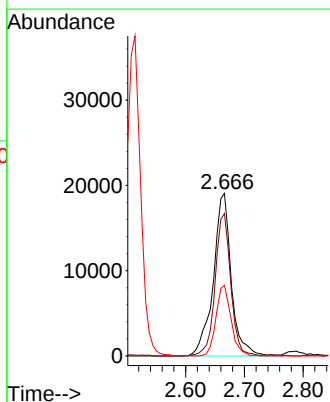
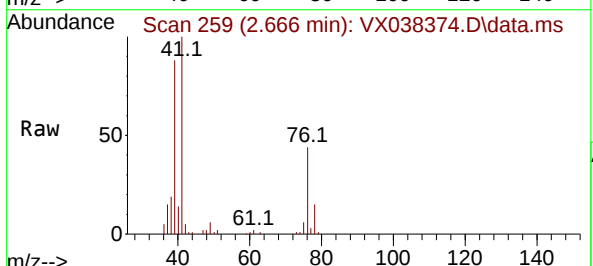
Manual Integrations
APPROVED

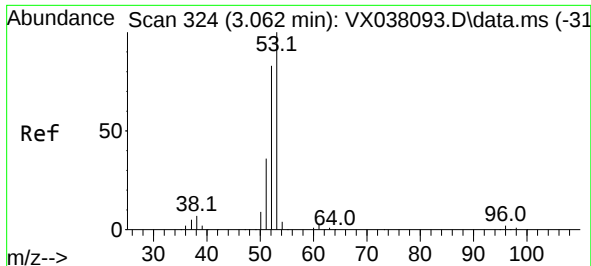
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 17.867 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

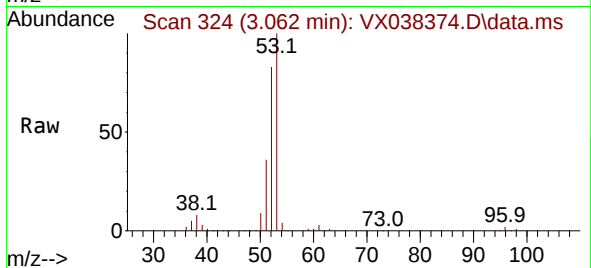
Tgt Ion: 41 Resp: 40581
Ion Ratio Lower Upper
41 100
39 75.7 55.8 83.6
76 36.2 24.3 36.5





#15
Acrylonitrile
Concen: 96.385 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

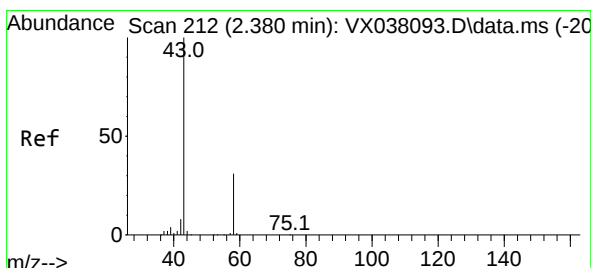
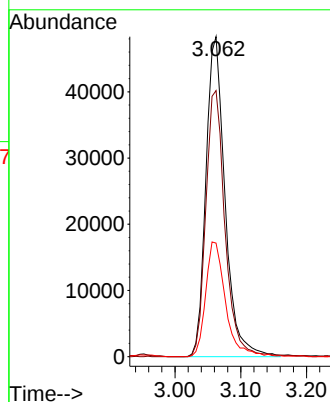
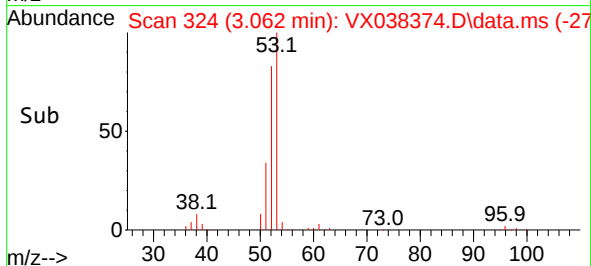
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 53 Resp: 97910
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 37.4 29.8 44.6

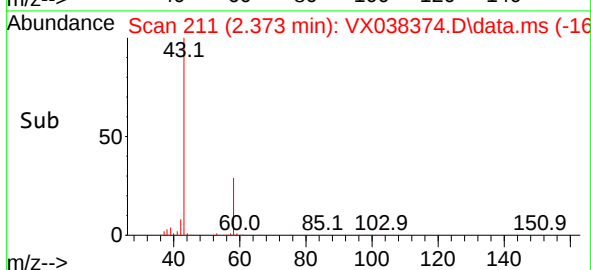
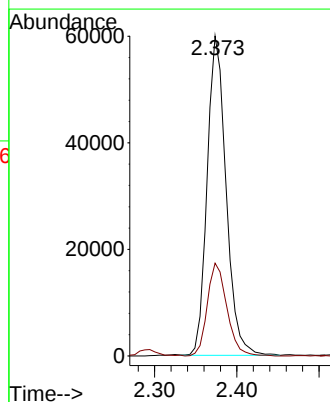
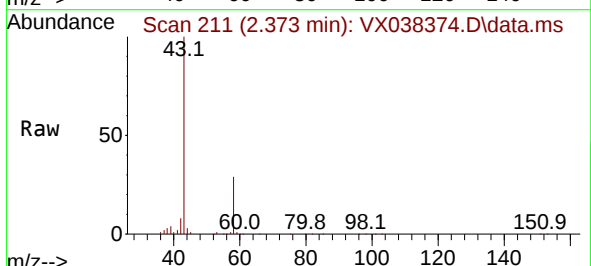
Manual Integrations
APPROVED

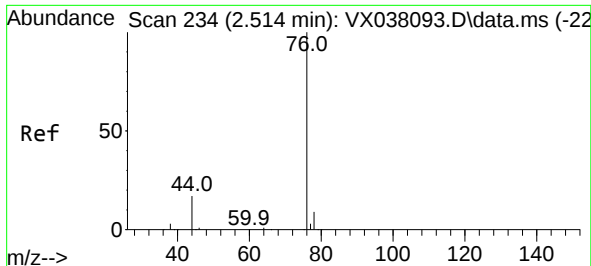
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 102.950 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

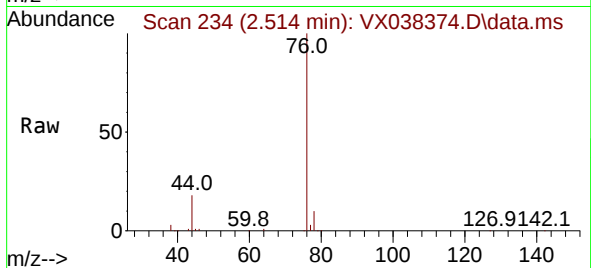
Tgt Ion: 43 Resp: 95915
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9





#17
Carbon Disulfide
Concen: 16.873 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

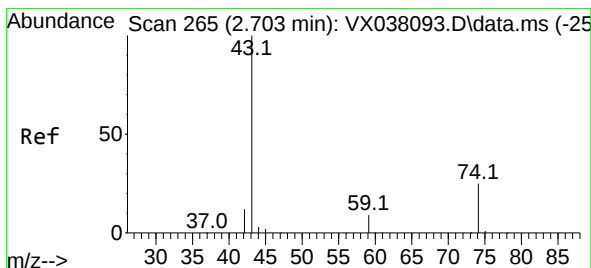
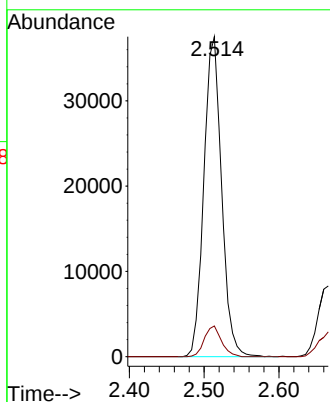
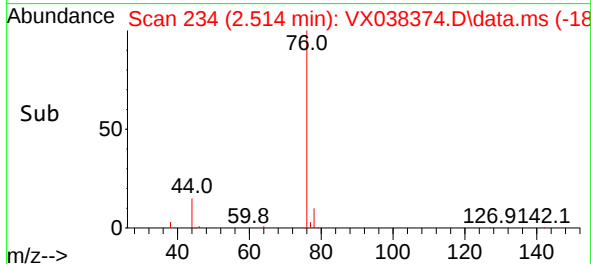
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



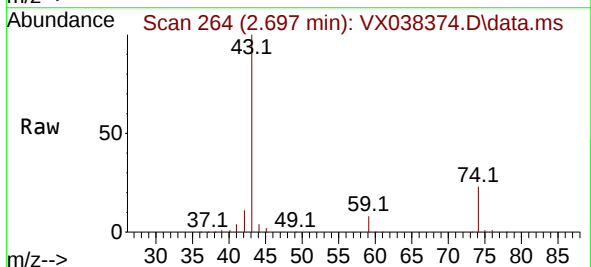
Tgt Ion: 76 Resp: 6175
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

Manual Integrations
APPROVED

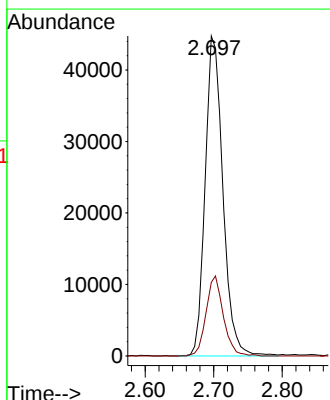
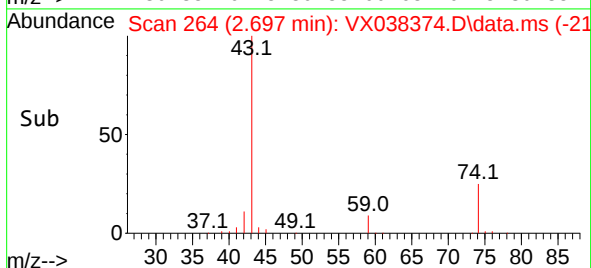
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

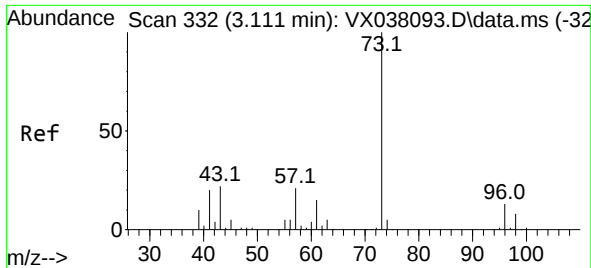


#18
Methyl Acetate
Concen: 20.185 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion: 43 Resp: 80644
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





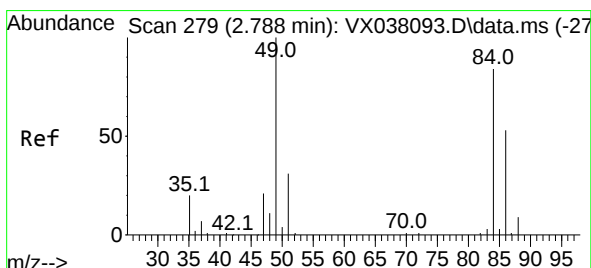
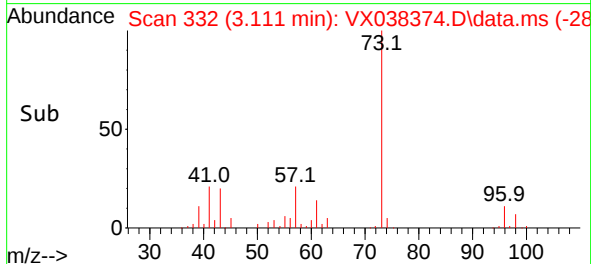
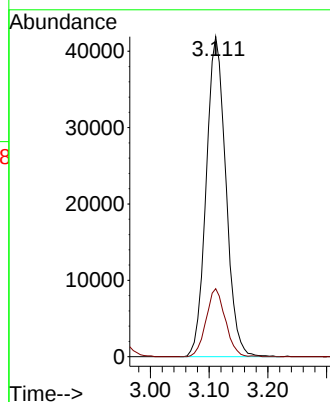
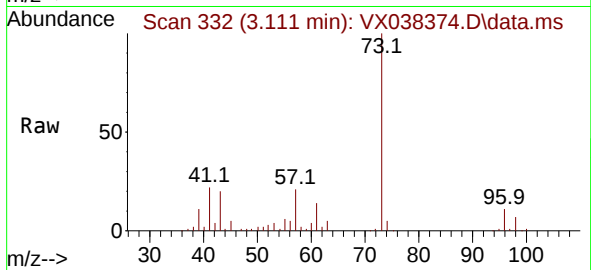
#19
Methyl tert-butyl Ether
Concen: 19.261 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 73 Resp: 97408
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

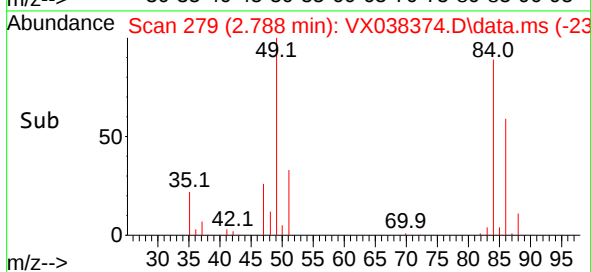
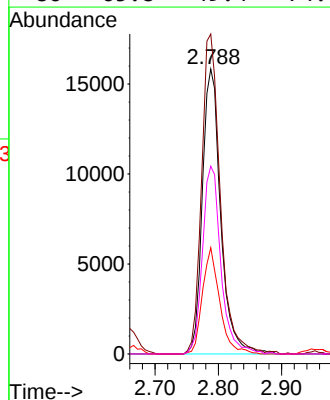
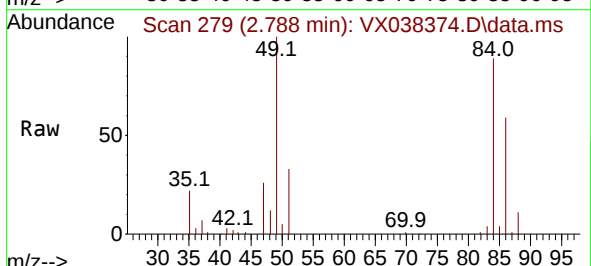
Manual Integrations
APPROVED

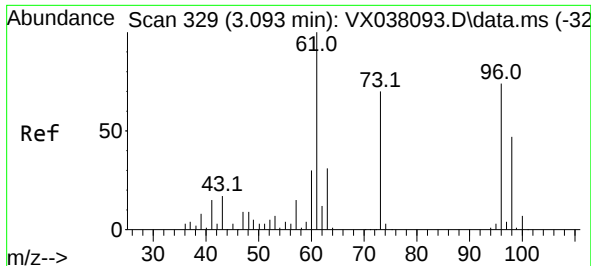
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 18.241 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

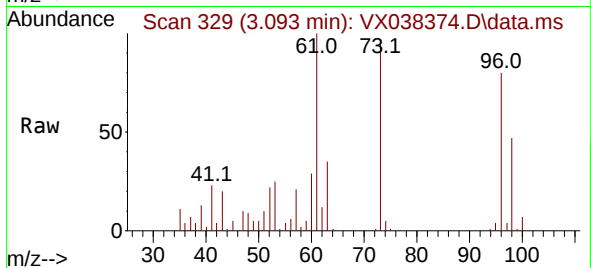
Tgt Ion: 84 Resp: 31967
Ion Ratio Lower Upper
84 100
49 112.3 103.6 155.4
51 37.3 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.461 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

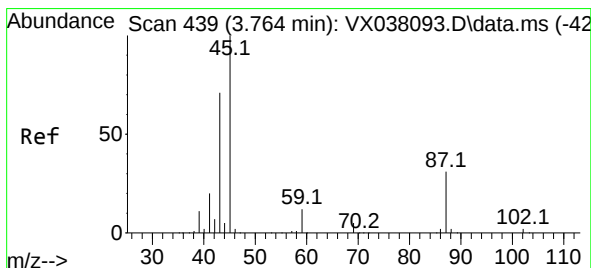
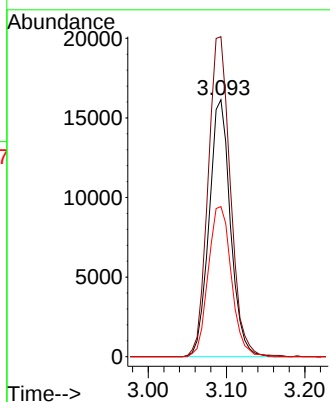
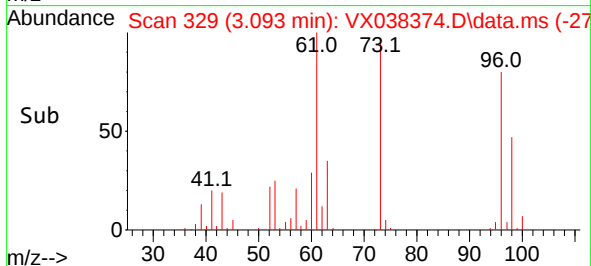
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



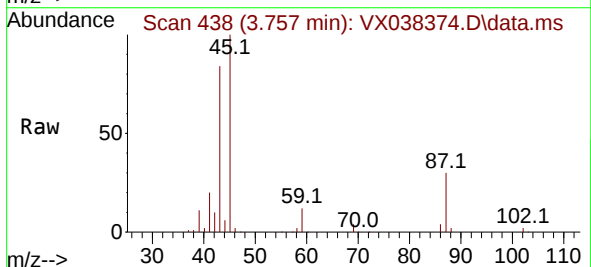
Tgt Ion: 96 Resp: 3059
Ion Ratio Lower Upper
96 100
61 124.6 119.2 178.8
98 58.4 48.7 73.1

Manual Integrations
APPROVED

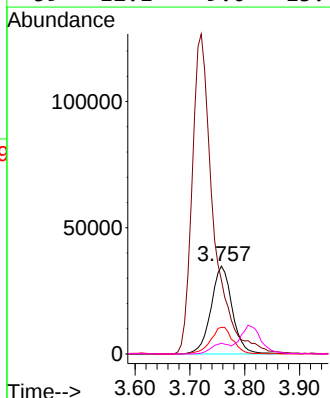
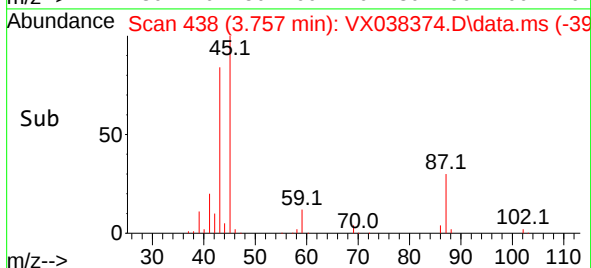
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

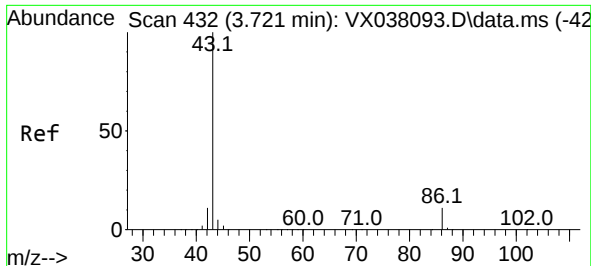


#22
Diisopropyl ether
Concen: 19.645 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion: 45 Resp: 93513
Ion Ratio Lower Upper
45 100
43 81.8 69.7 104.5
87 30.2 20.8 31.2
59 12.1 9.0 13.4





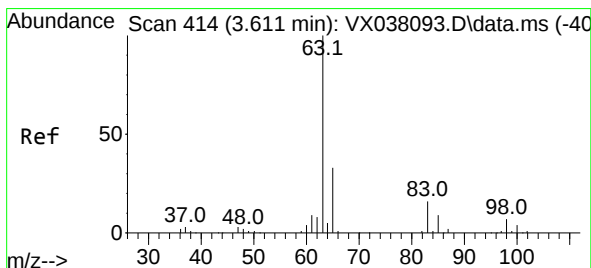
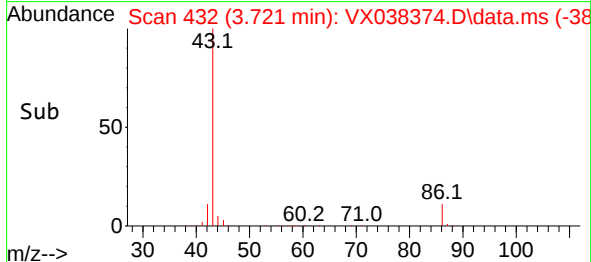
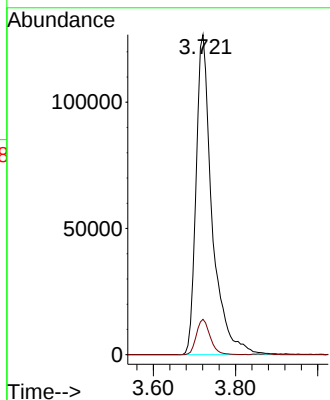
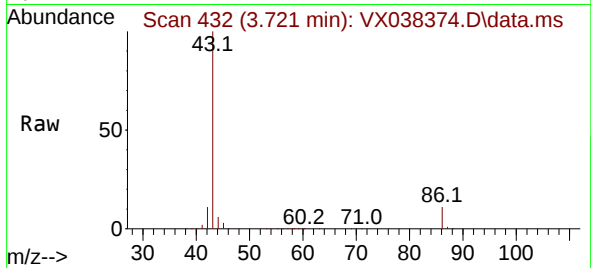
#23
 Vinyl Acetate
 Concen: 98.413 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038374.D
 Acq: 19 Oct 2023 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01

Tgt Ion: 43 Resp: 343540
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

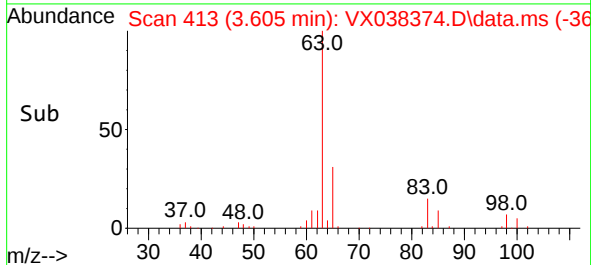
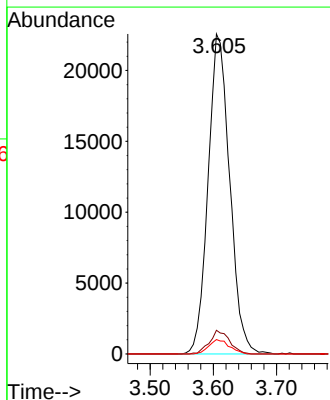
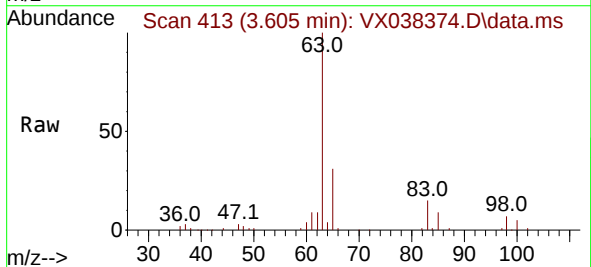
Manual Integrations
 APPROVED

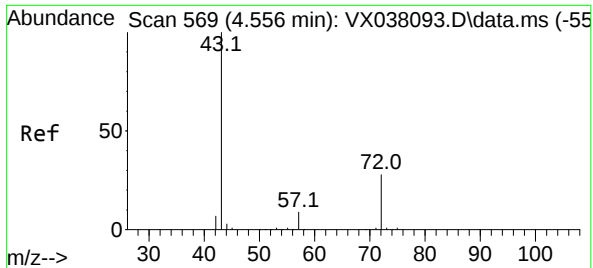
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.564 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038374.D
 Acq: 19 Oct 2023 10:46

Tgt Ion: 63 Resp: 53629
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.5 2.1 6.5





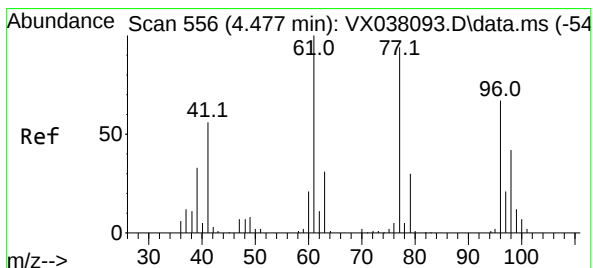
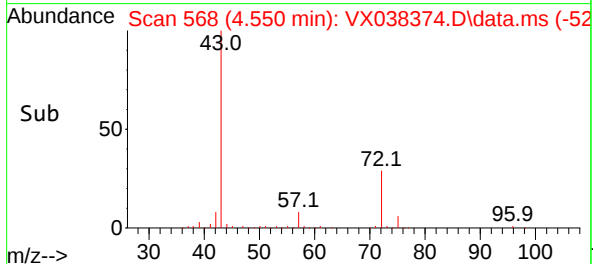
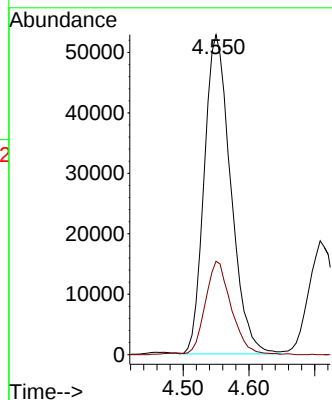
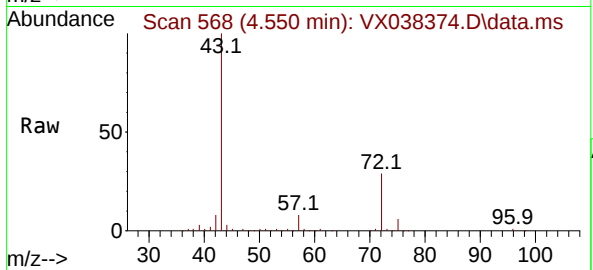
#25
2-Butanone
Concen: 98.517 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 43 Resp: 148092
Ion Ratio Lower Upper
43 100
72 29.1 19.4 29.2

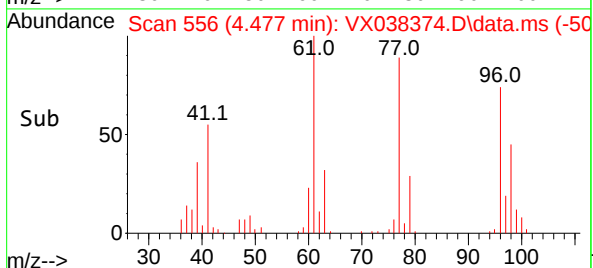
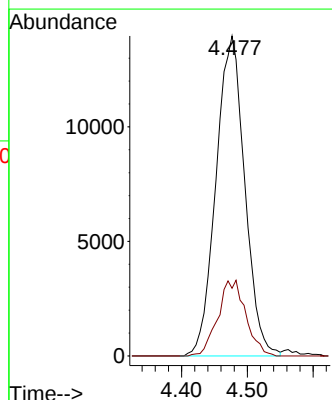
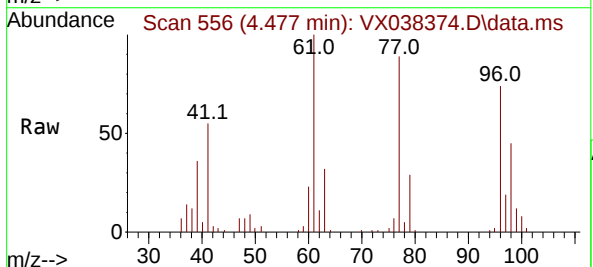
Manual Integrations
APPROVED

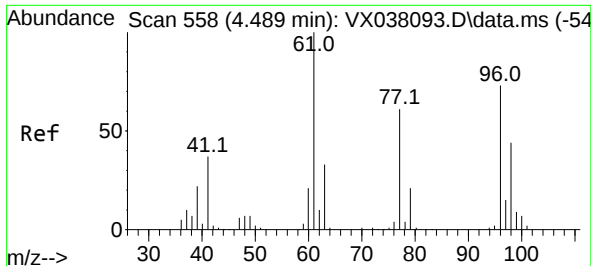
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 18.866 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 77 Resp: 42552
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.077 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 96 Resp: 37594

Ion Ratio Lower Upper

96 100

61 137.2 0.0 312.2

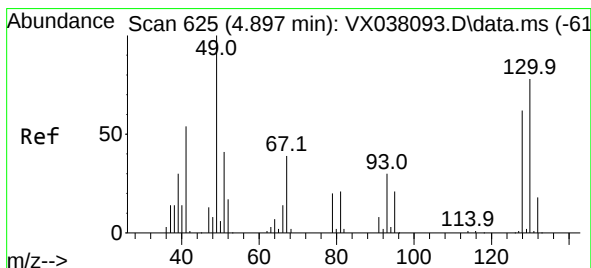
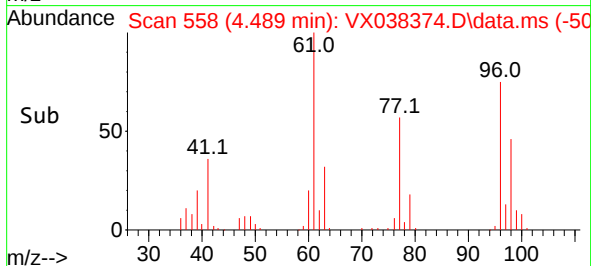
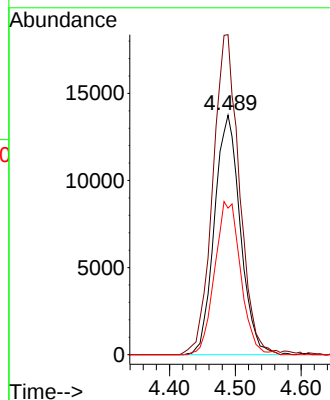
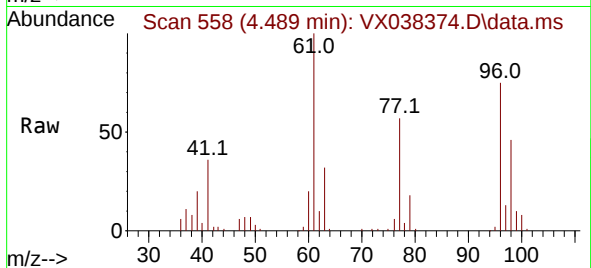
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 19.032 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

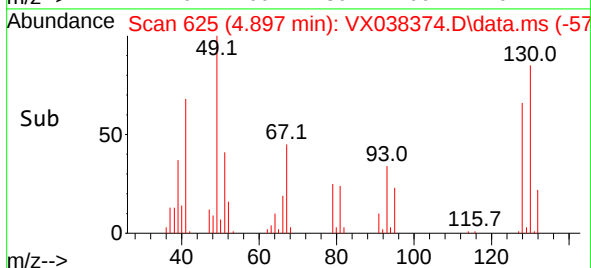
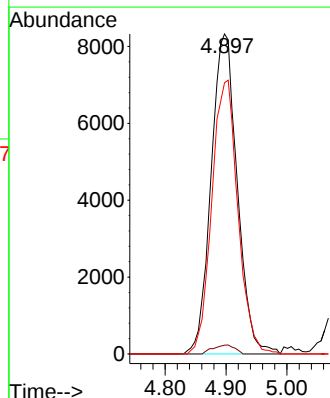
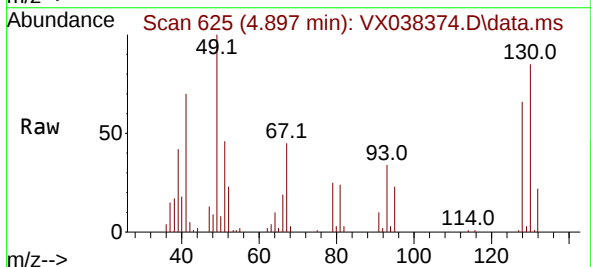
Tgt Ion: 49 Resp: 24820

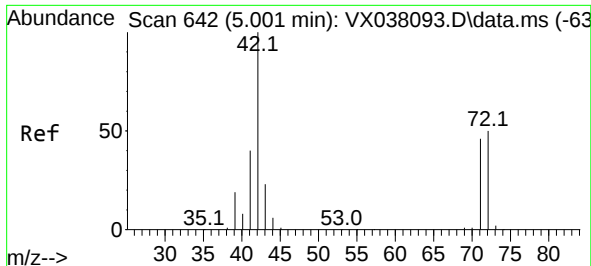
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 85.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.813 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 42 Resp: 9377

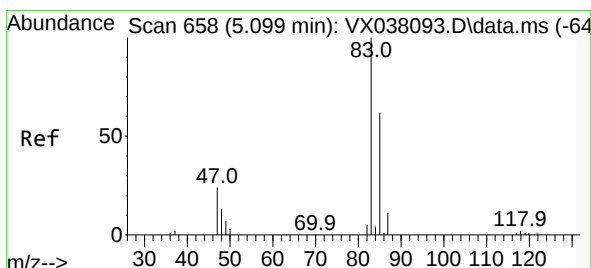
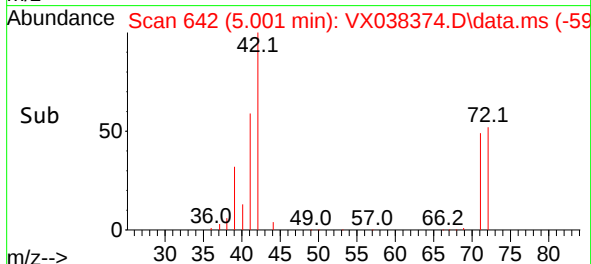
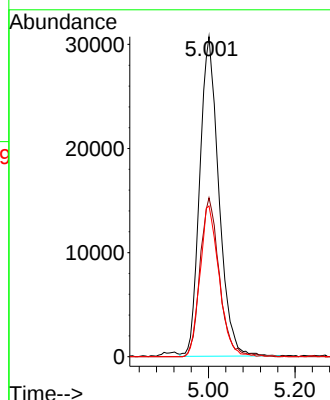
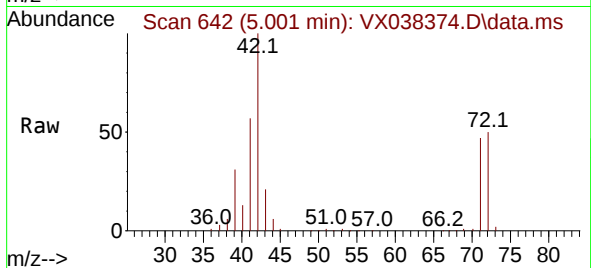
Ion	Ratio	Lower	Upper
42	100		
72	49.6	34.2	51.4
71	47.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 20.519 ug/l

RT: 5.092 min Scan# 657

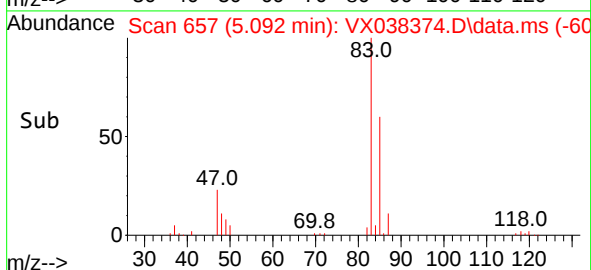
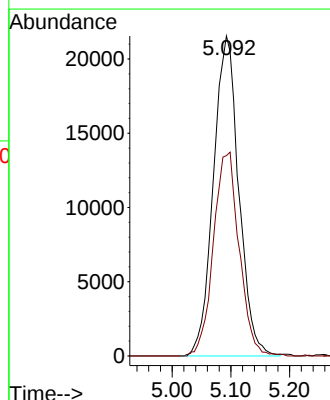
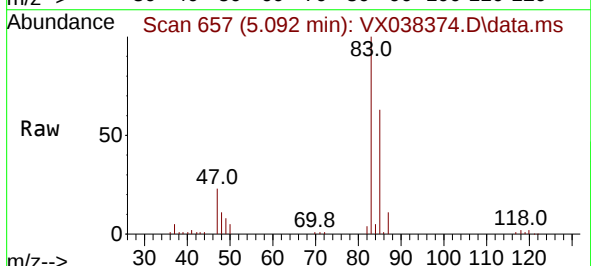
Delta R.T. -0.001 min

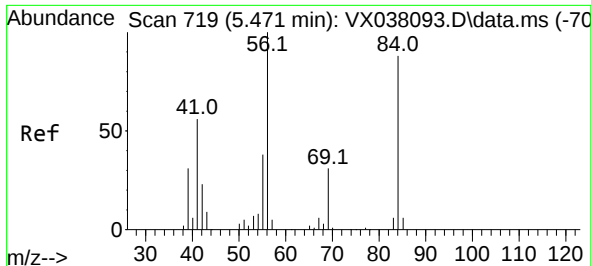
Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Tgt Ion: 83 Resp: 64819

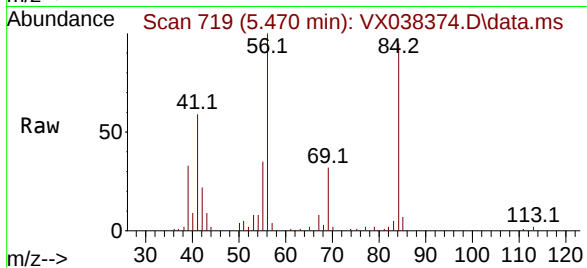
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.3	75.5





#31
Cyclohexane
Concen: 18.847 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

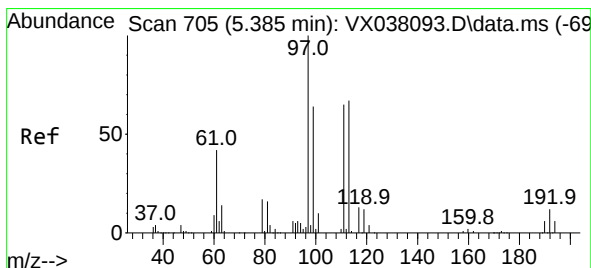
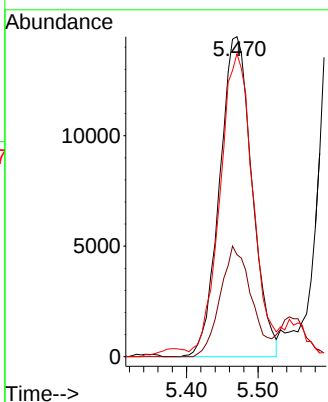
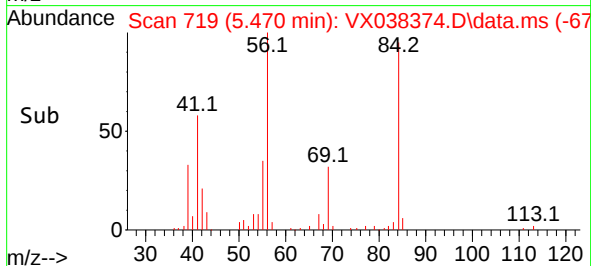
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



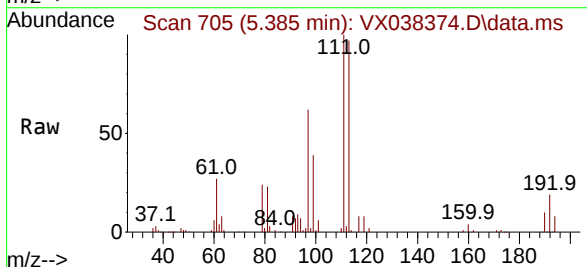
Tgt Ion: 56 Resp: 4558
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 92.1 65.9 98.9

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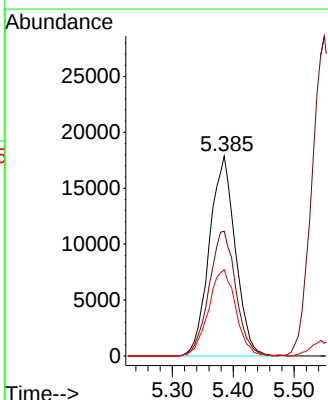
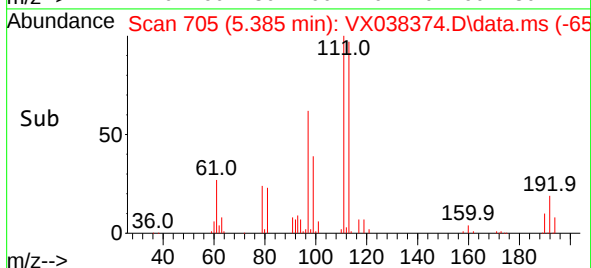
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

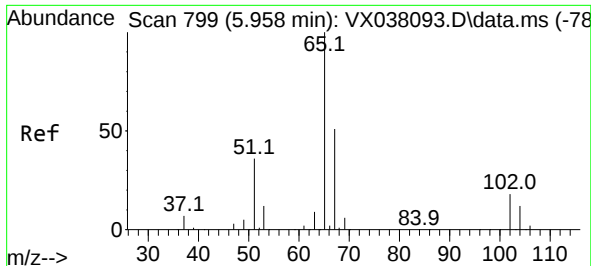


#32
1,1,1-Trichloroethane
Concen: 19.546 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion: 97 Resp: 52889
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 45.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.485 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 65 Resp: 101538

Ion Ratio Lower Upper

65 100

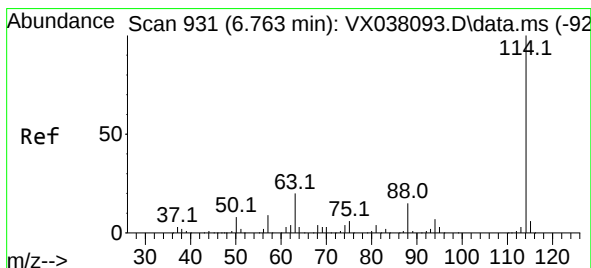
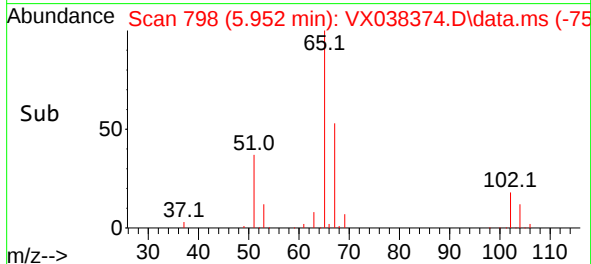
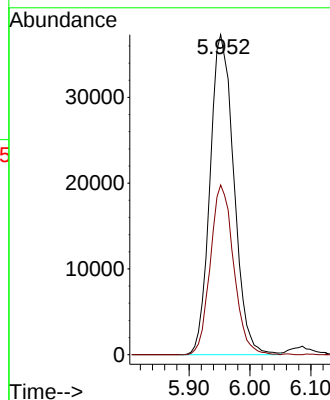
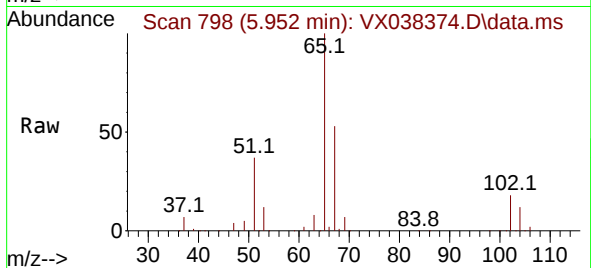
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

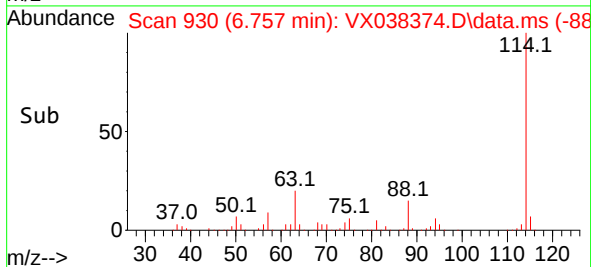
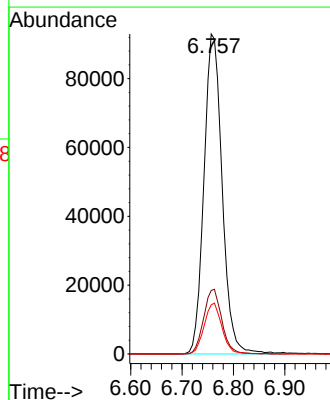
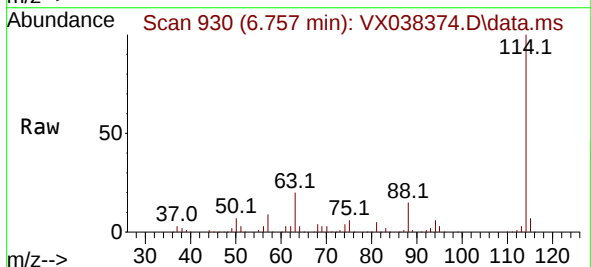
Tgt Ion:114 Resp: 228753

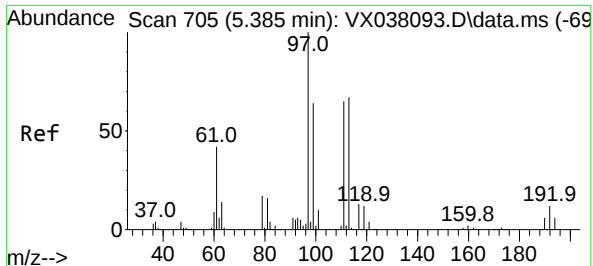
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

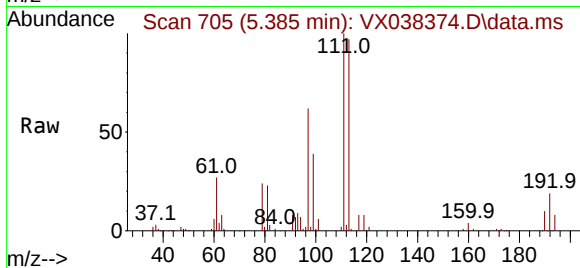
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

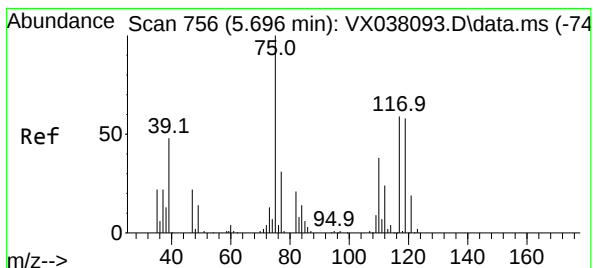
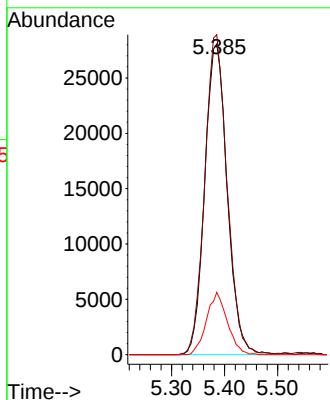
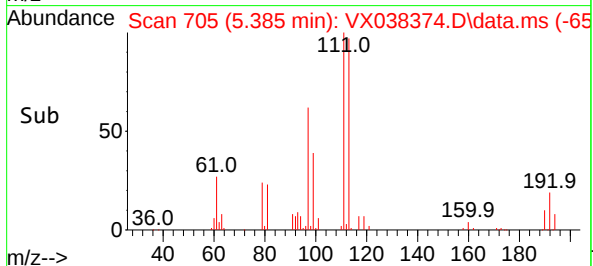
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 113 Resp: 82640
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.6 13.3 19.9

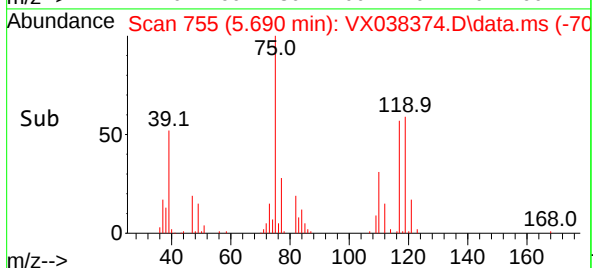
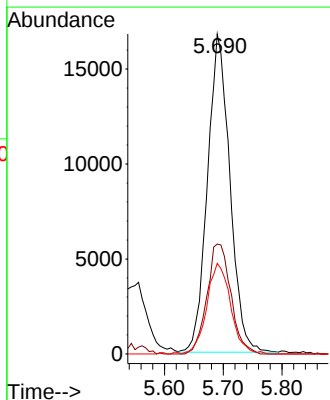
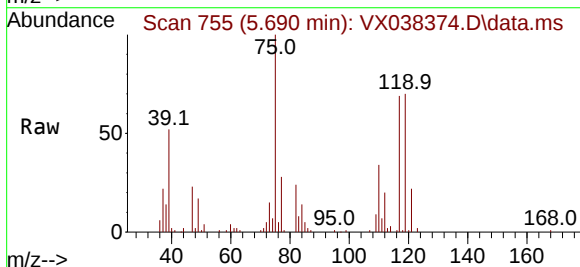
Manual Integrations
APPROVED

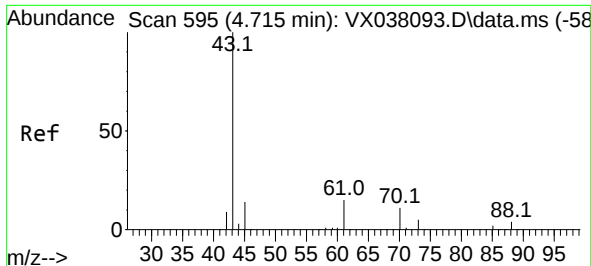
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 19.540 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

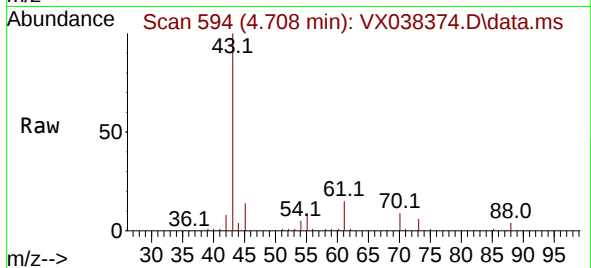
Tgt Ion: 75 Resp: 44414
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 30.3 24.7 37.1





#37
Ethyl Acetate
Concen: 20.290 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

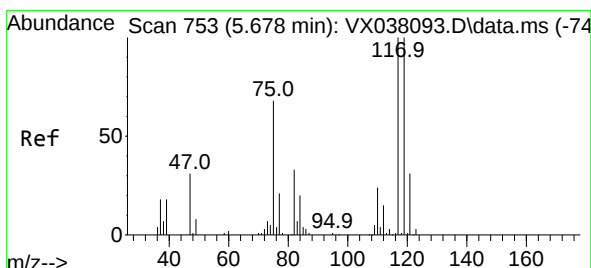
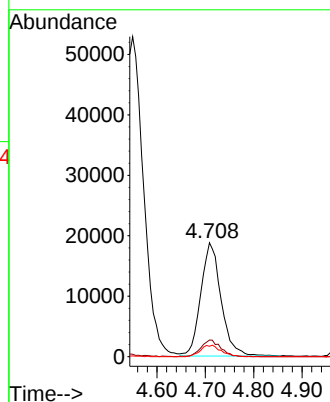
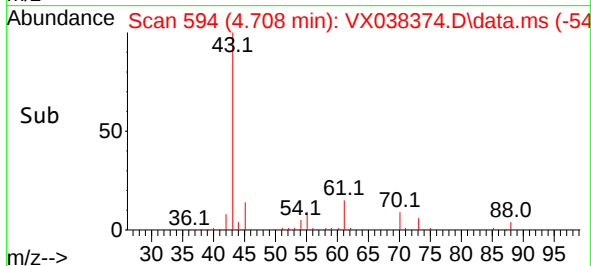
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 43 Resp: 5477
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 10.3 8.3 12.5

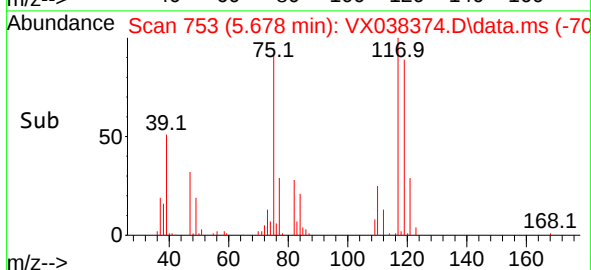
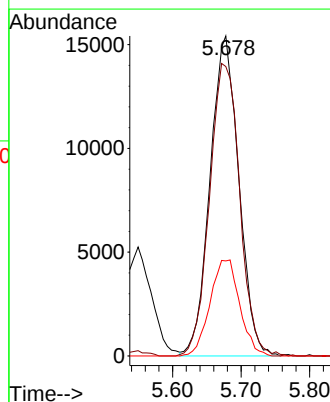
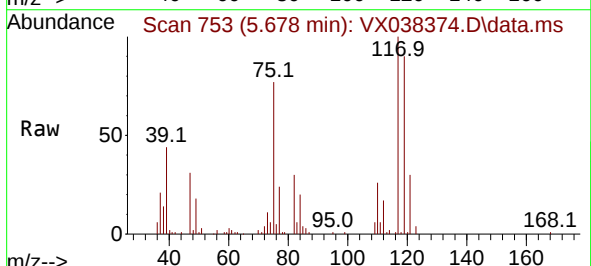
Manual Integrations
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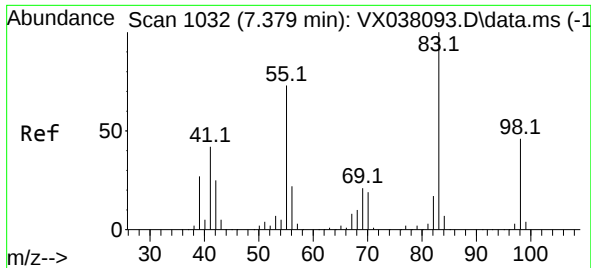
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 20.093 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion:117 Resp: 44929
Ion Ratio Lower Upper
117 100
119 90.0 78.2 117.2
121 29.7 24.4 36.6





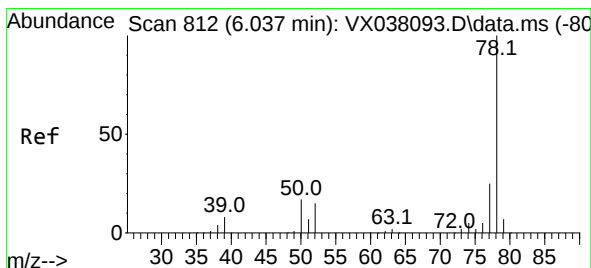
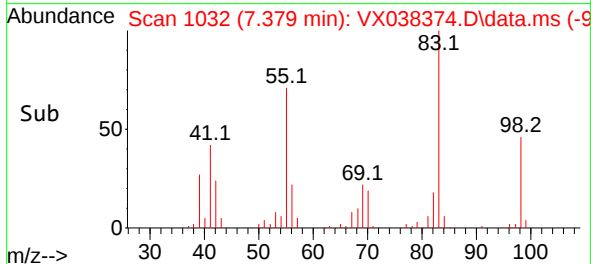
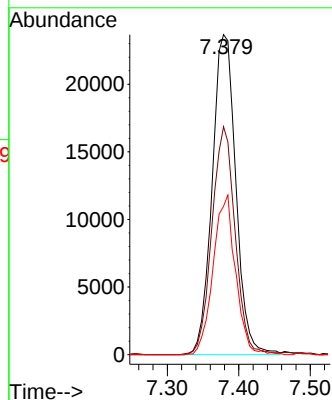
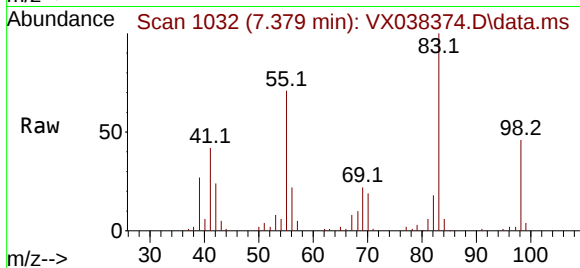
#39
Methylcyclohexane
Concen: 20.467 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 83 Resp: 5449
Ion Ratio Lower Upper
83 100
55 71.2 64.6 97.0
98 46.4 36.7 55.1

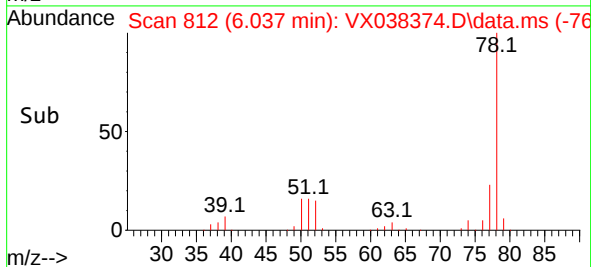
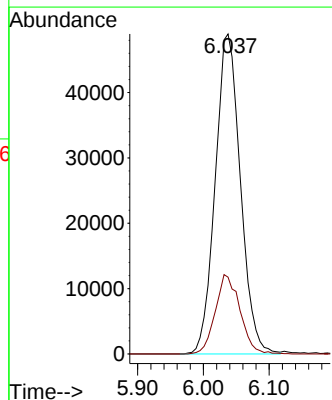
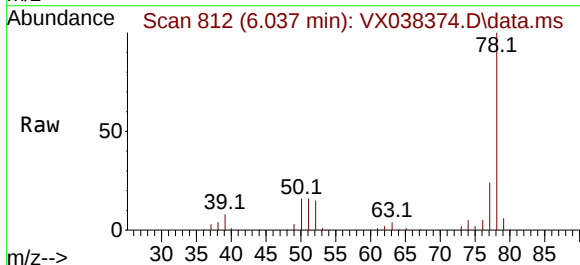
Manual Integrations
APPROVED

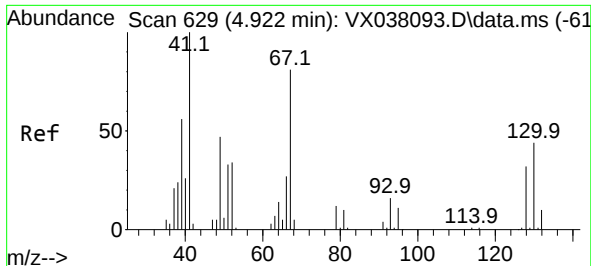
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 20.540 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

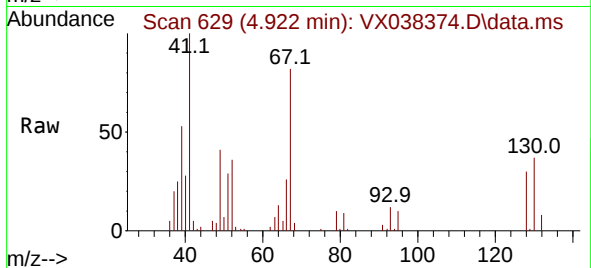
Tgt Ion: 78 Resp: 130581
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 19.270 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

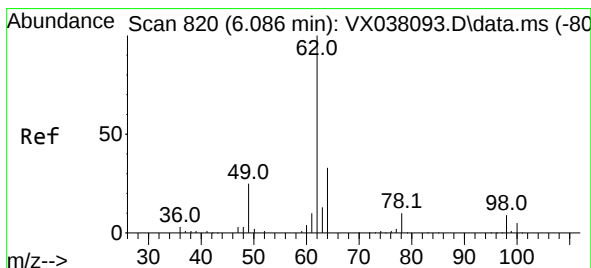
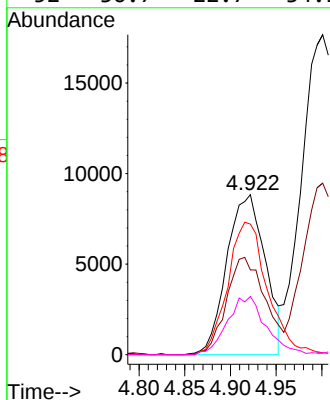
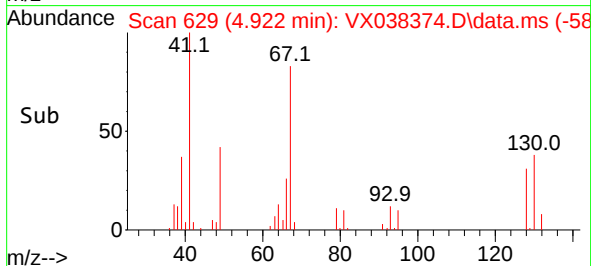
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 41 Resp: 25878
Ion Ratio Lower Upper
41 100
39 61.9 45.2 67.8
67 85.8 52.6 78.8
52 36.7 22.7 34.1#

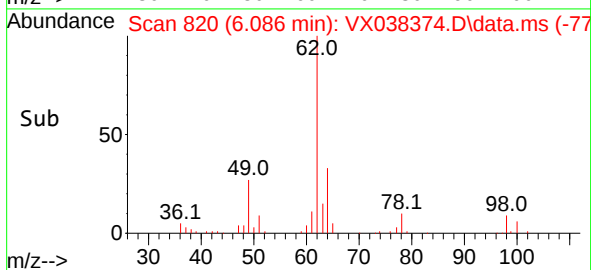
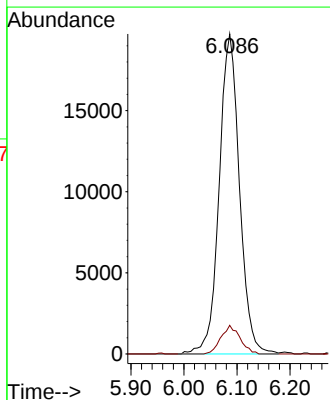
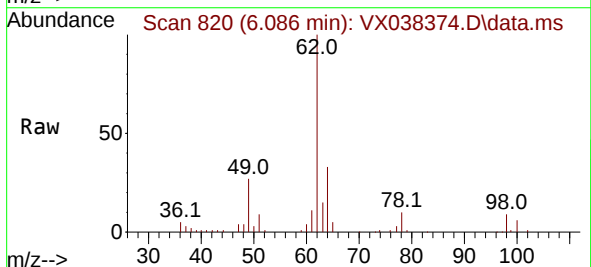
Manual Integrations
APPROVED

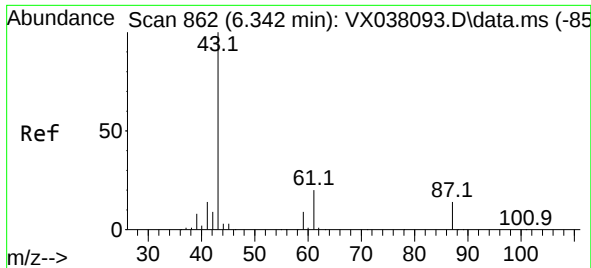
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 20.645 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 62 Resp: 52440
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.813 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 43 Resp: 79840

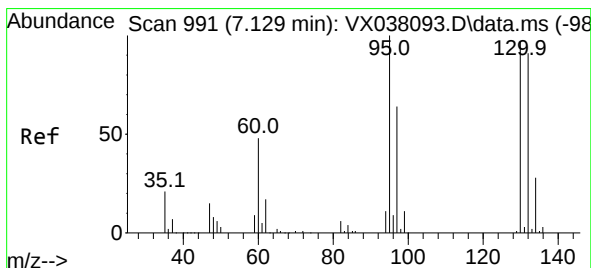
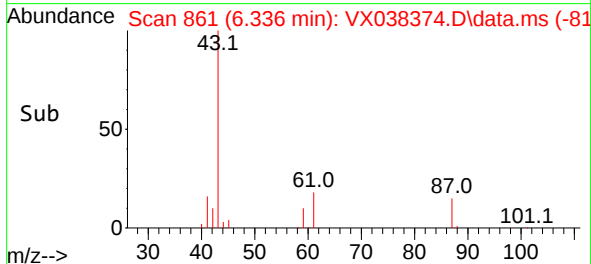
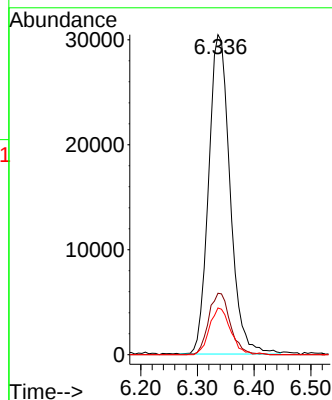
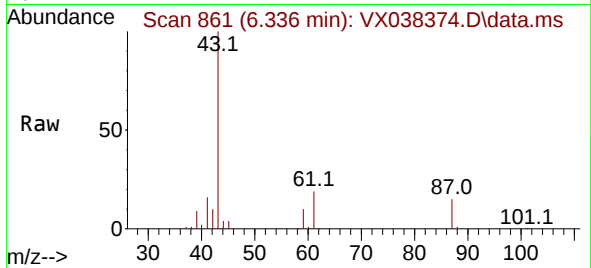
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	14.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#44

Trichloroethene

Concen: 21.267 ug/l

RT: 7.123 min Scan# 990

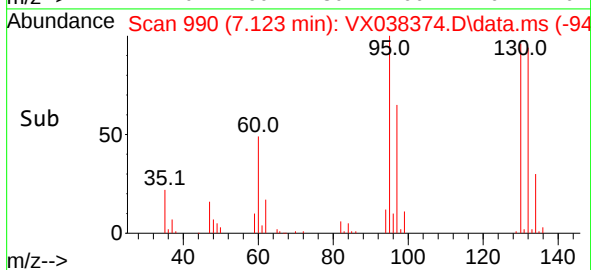
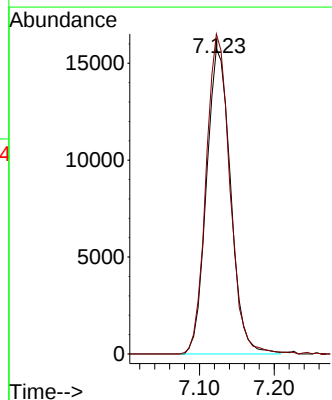
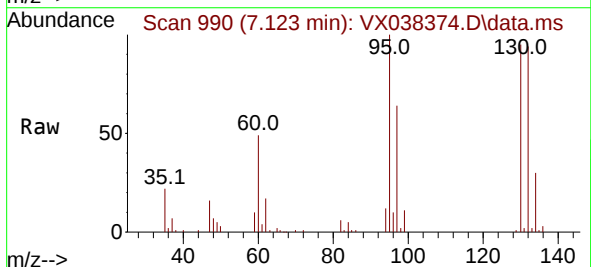
Delta R.T. -0.006 min

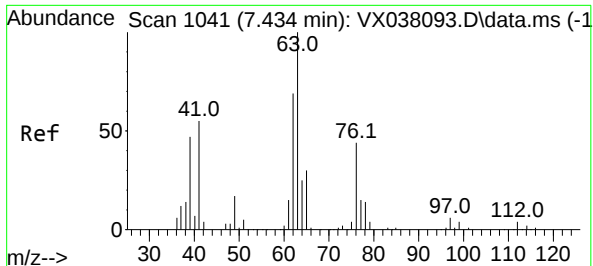
Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Tgt Ion:130 Resp: 35363

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.665 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 63 Resp: 3400

Ion Ratio Lower Upper

63 100

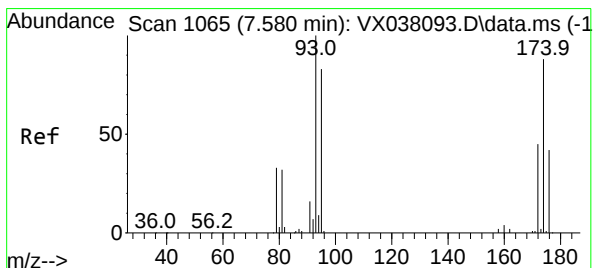
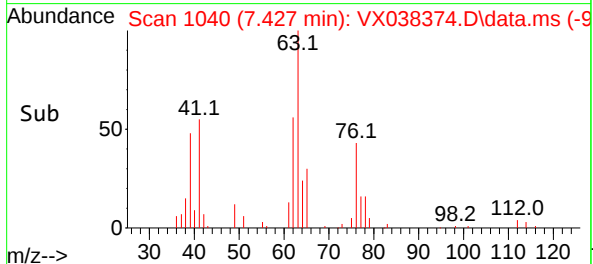
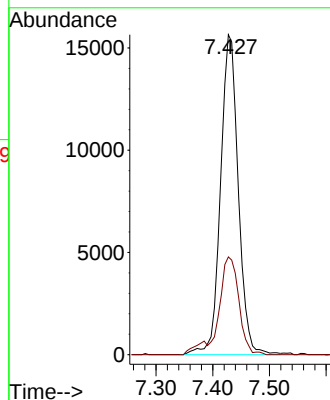
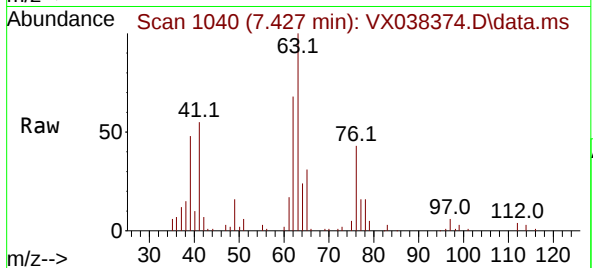
65 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 21.124 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

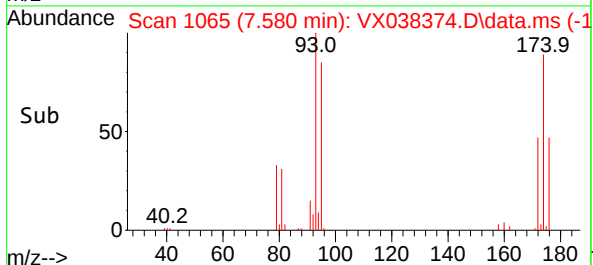
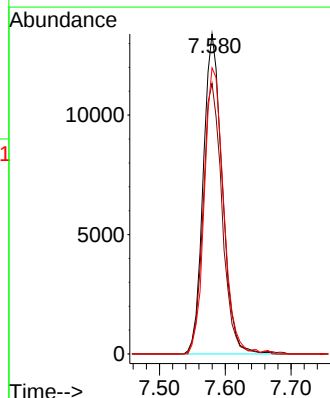
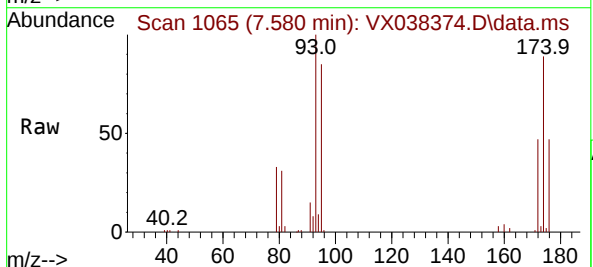
Tgt Ion: 93 Resp: 26958

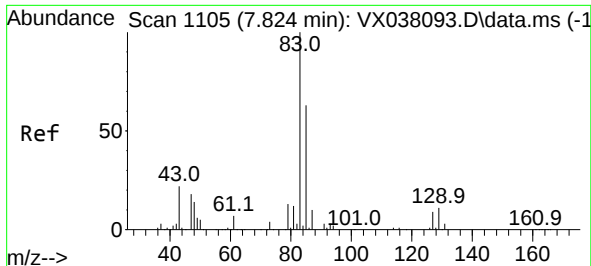
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

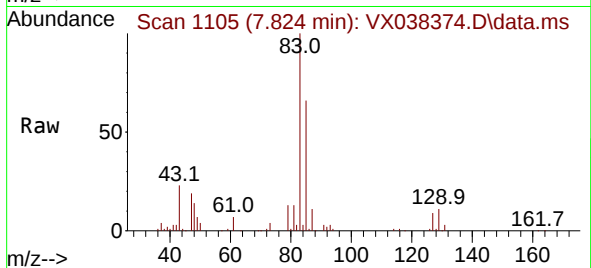
174 90.9 69.4 104.0





#47
Bromodichloromethane
Concen: 20.935 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

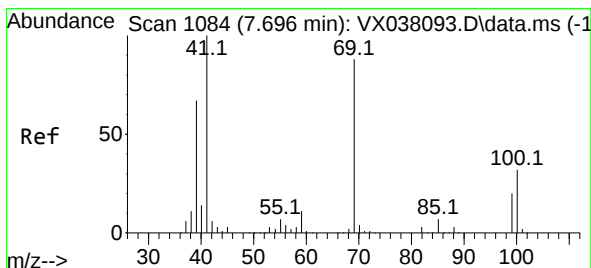
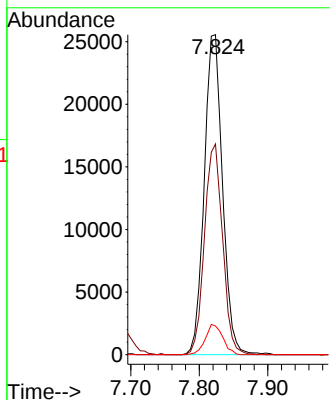
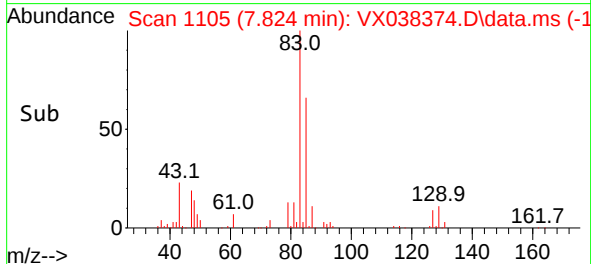
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



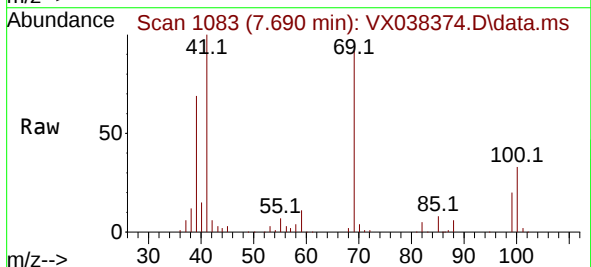
Tgt Ion: 83 Resp: 47528
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 9.0 7.1 10.7

Manual Integrations
APPROVED

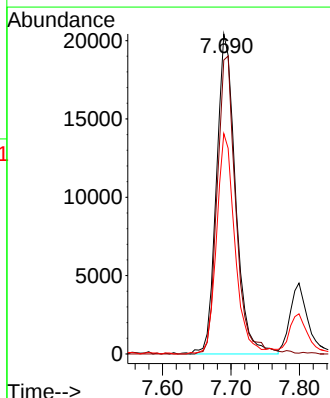
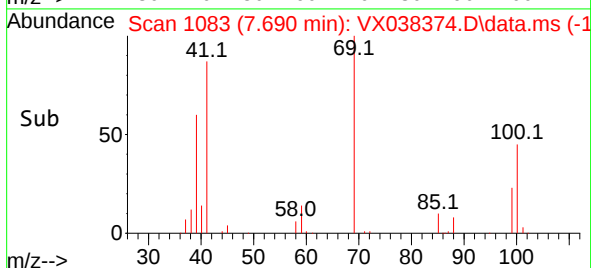
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

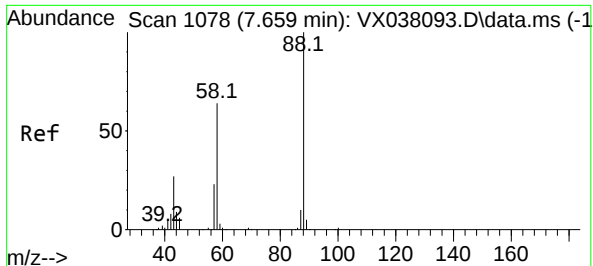


#48
Methyl methacrylate
Concen: 20.477 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion: 41 Resp: 39394
Ion Ratio Lower Upper
41 100
69 90.7 59.2 88.8#
39 66.2 47.7 71.5





#49

1,4-Dioxane

Concen: 382.245 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 88 Resp: 1812

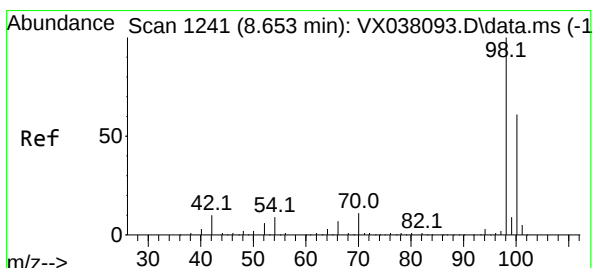
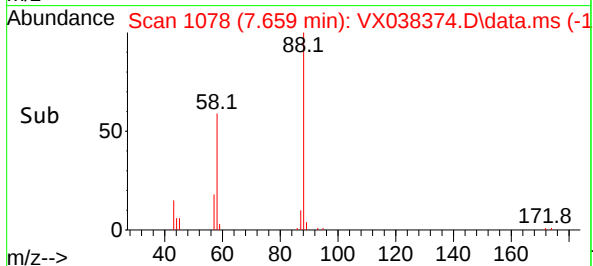
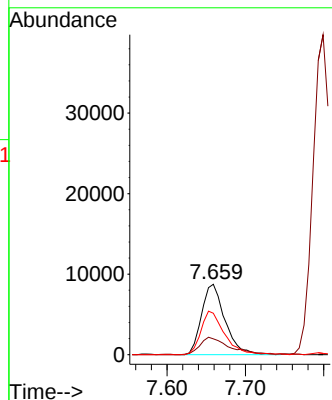
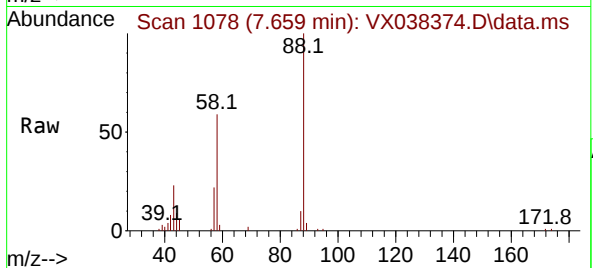
Ion	Ratio	Lower	Upper
88	100		
43	31.0	0.0	0.0
58	62.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 48.897 ug/l

RT: 8.647 min Scan# 1240

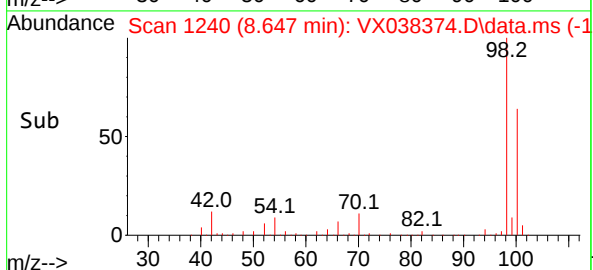
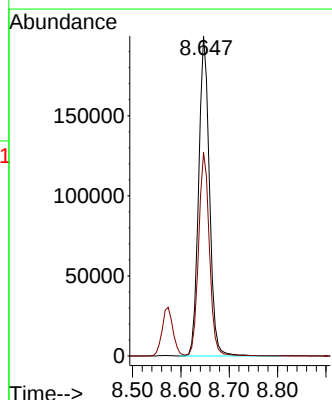
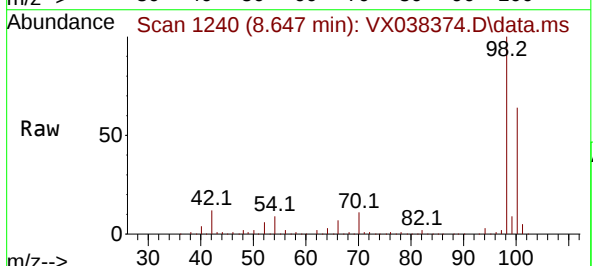
Delta R.T. -0.006 min

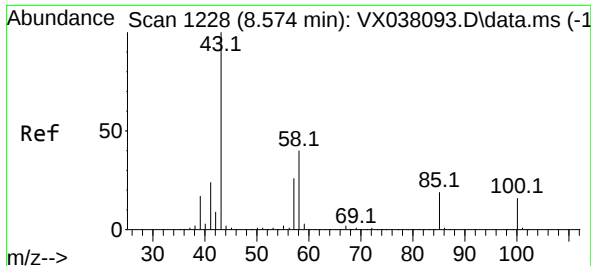
Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Tgt Ion: 98 Resp: 307980

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 105.735 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 43 Resp: 29390

Ion Ratio Lower Upper

43 100

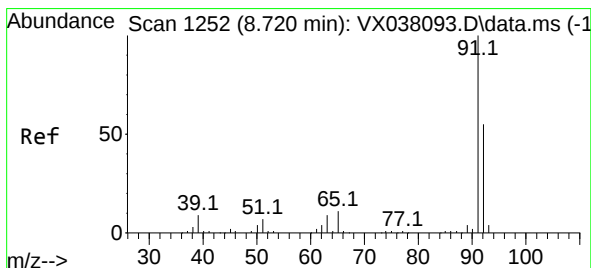
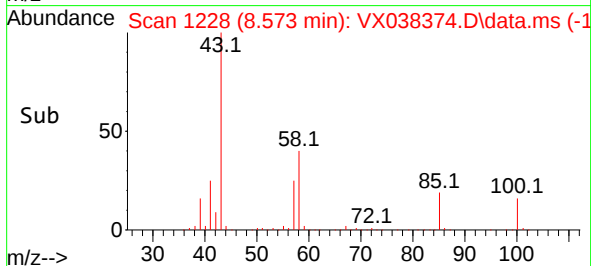
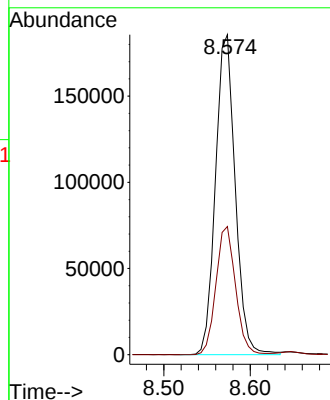
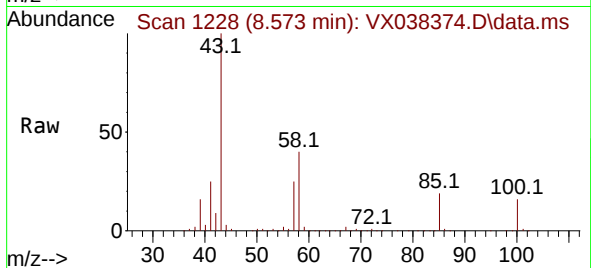
58 39.8 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Toluene

Concen: 21.354 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038374.D

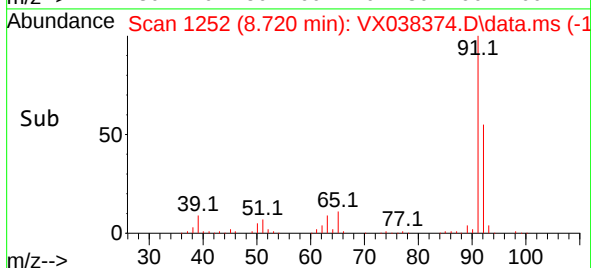
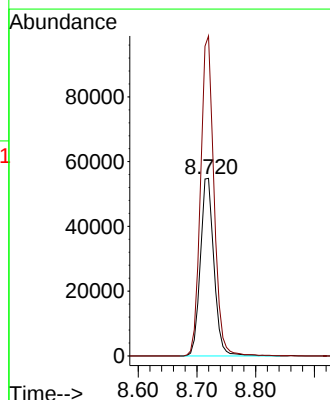
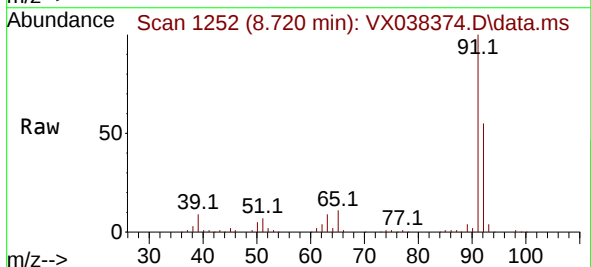
Acq: 19 Oct 2023 10:46

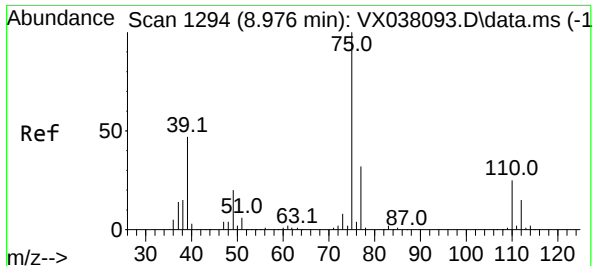
Tgt Ion: 92 Resp: 88434

Ion Ratio Lower Upper

92 100

91 177.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.166 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 75 Resp: 4914

Ion Ratio Lower Upper

75 100

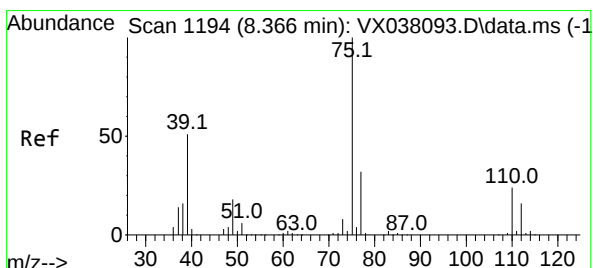
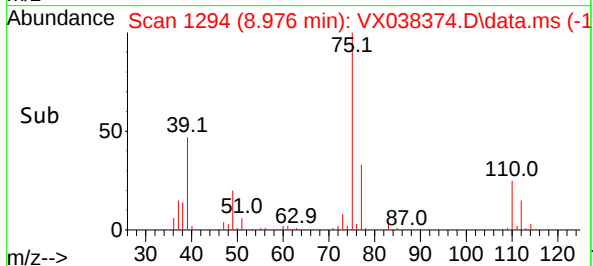
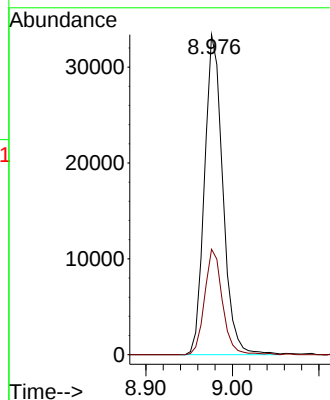
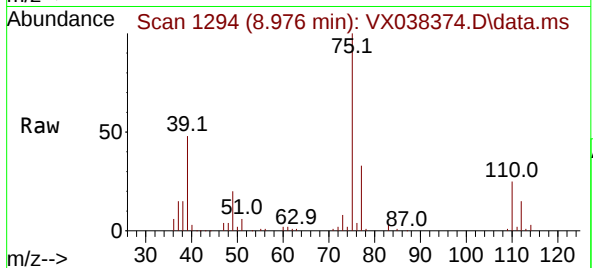
77 33.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 21.005 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

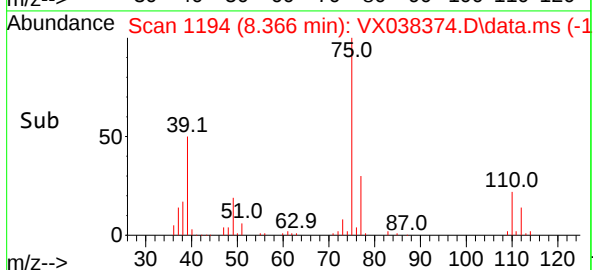
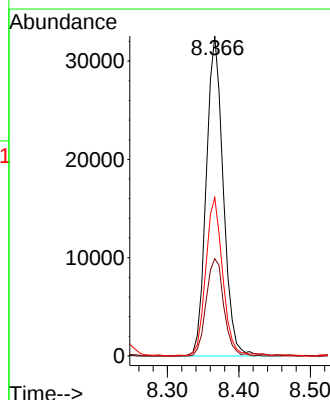
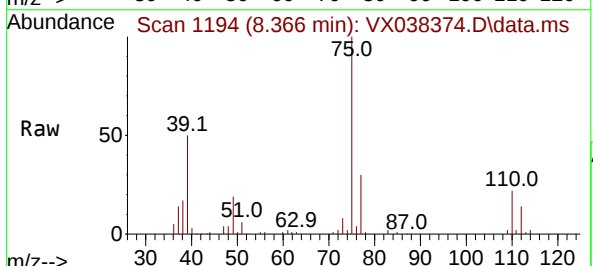
Tgt Ion: 75 Resp: 53780

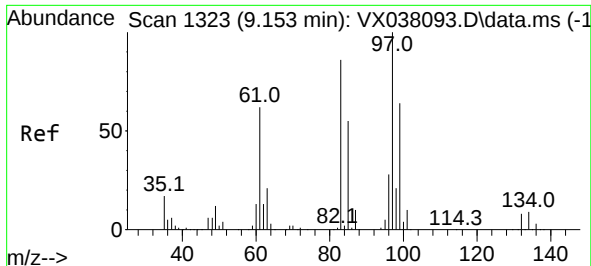
Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

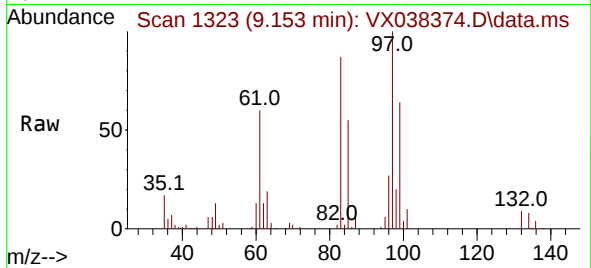
39 49.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.787 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

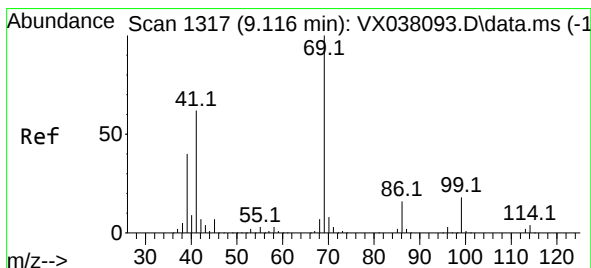
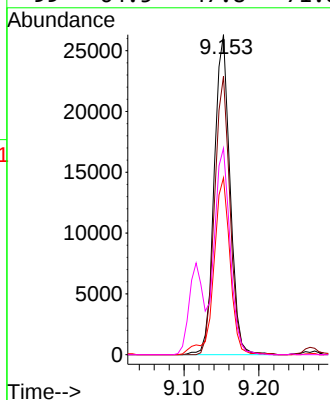
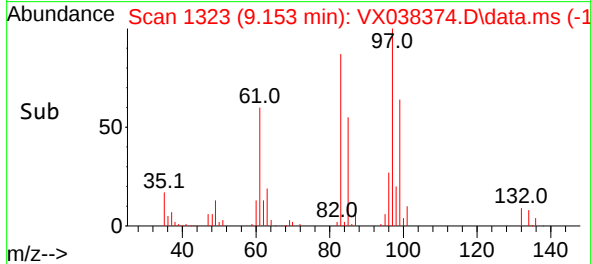
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	65.8	98.8
85	55.3	41.6	62.4
99	64.5	47.8	71.8

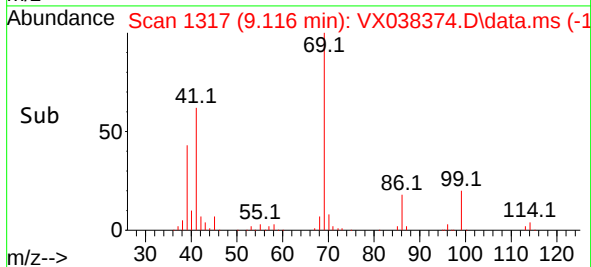
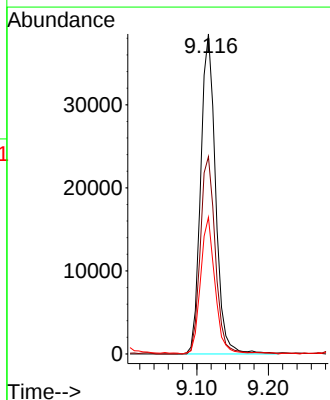
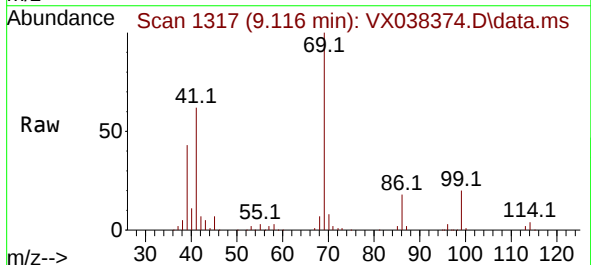
Manual Integrations
APPROVED

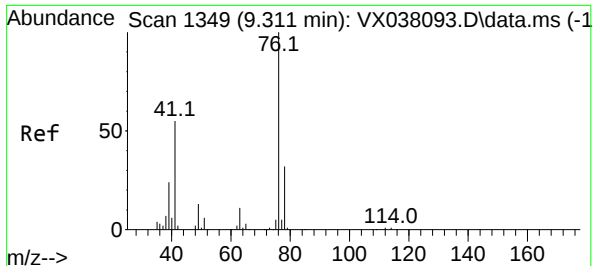
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 20.531 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	56.8	85.2
39	41.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.277 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion: 76 Resp: 60958

Ion Ratio Lower Upper

76 100

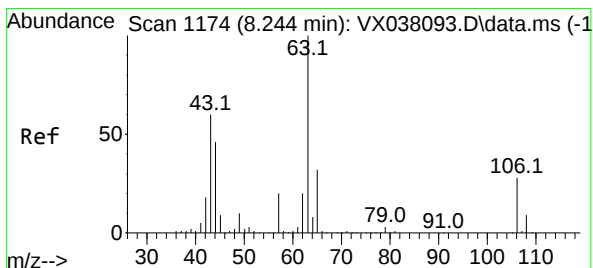
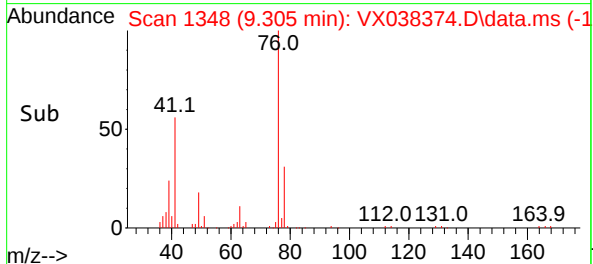
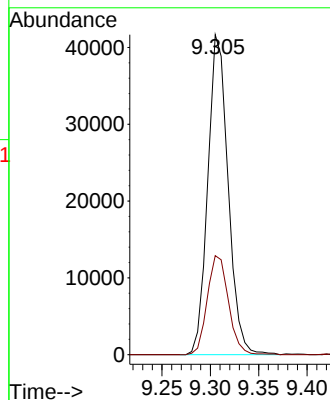
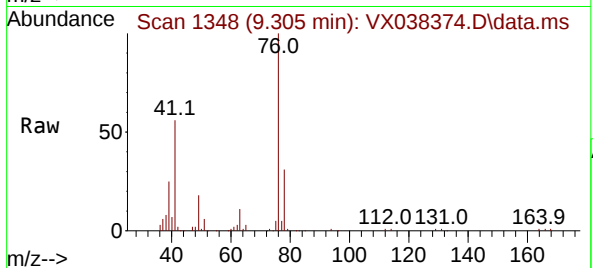
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.867 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038374.D

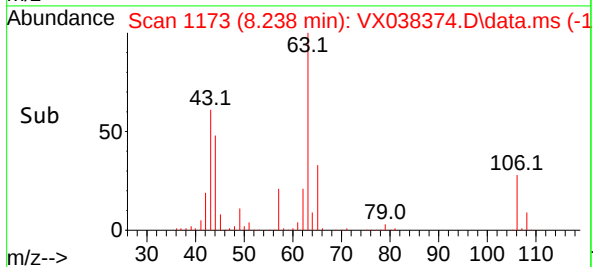
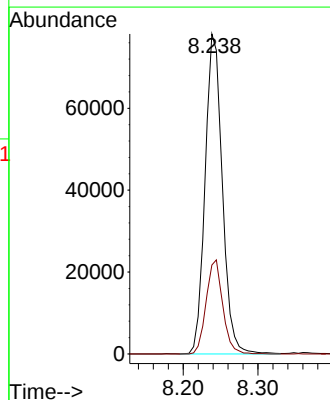
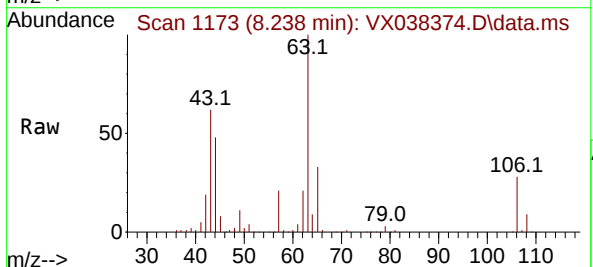
Acq: 19 Oct 2023 10:46

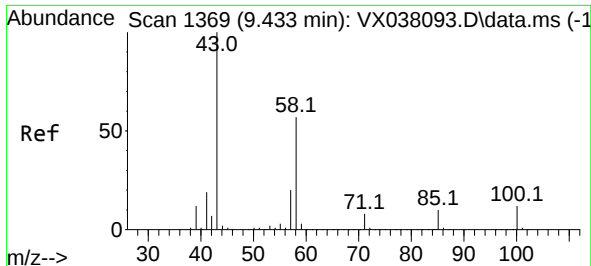
Tgt Ion: 63 Resp: 125134

Ion Ratio Lower Upper

63 100

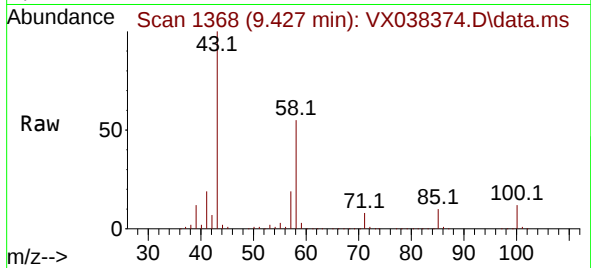
106 28.3 22.5 33.7





#59
2-Hexanone
Concen: 106.186 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

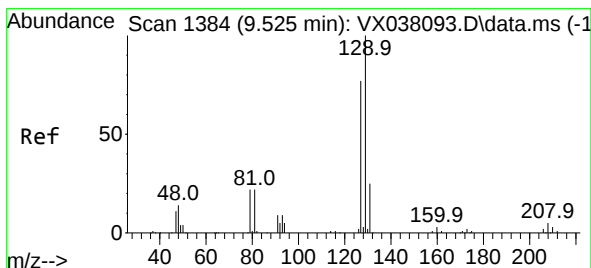
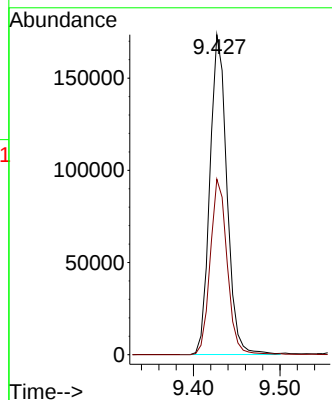
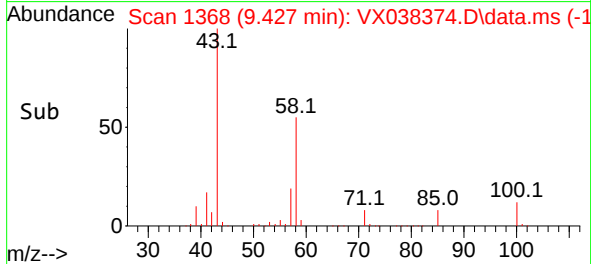
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 43 Resp: 237280
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

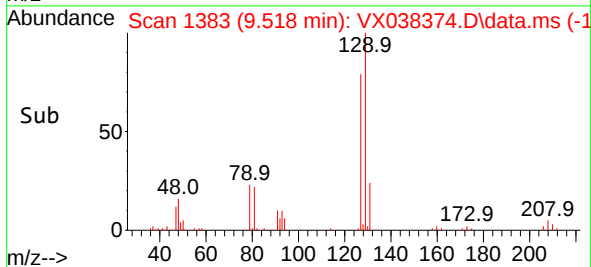
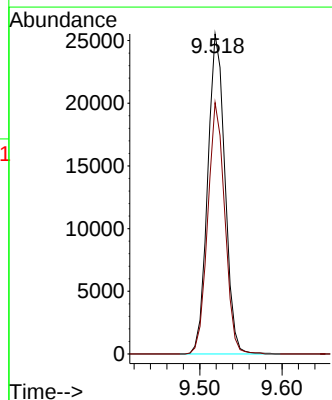
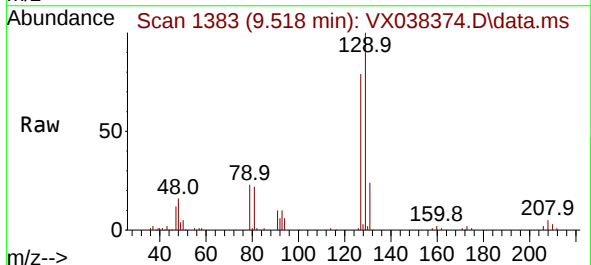
Manual Integrations
APPROVED

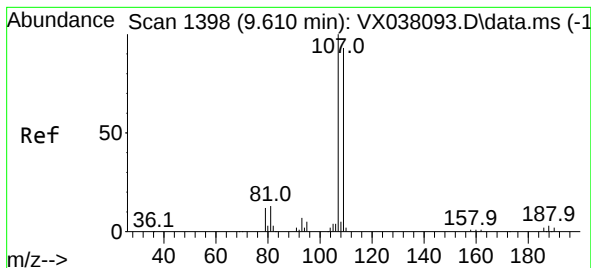
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 21.434 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion:129 Resp: 37158
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





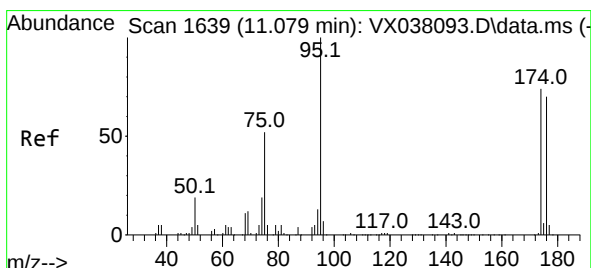
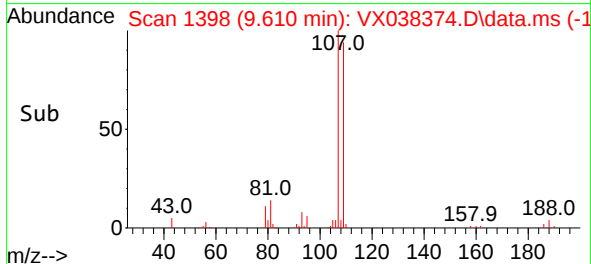
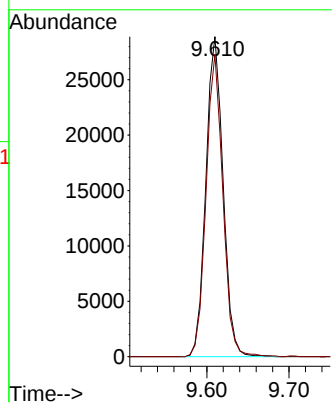
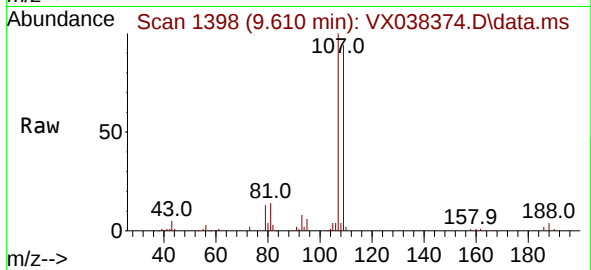
#61
1,2-Dibromoethane
Concen: 21.935 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion:107 Resp: 42018
Ion Ratio Lower Upper
107 100
109 92.1 75.2 112.8

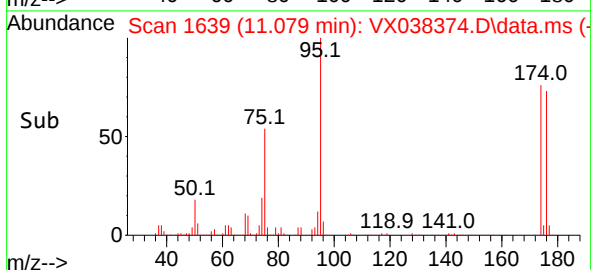
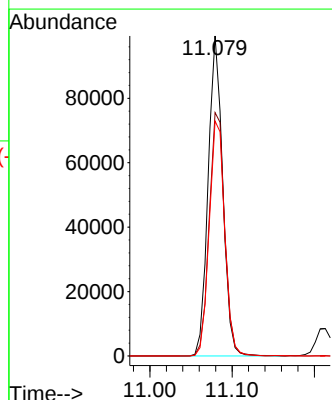
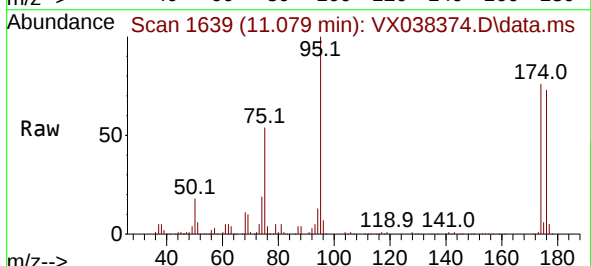
Manual Integrations
APPROVED

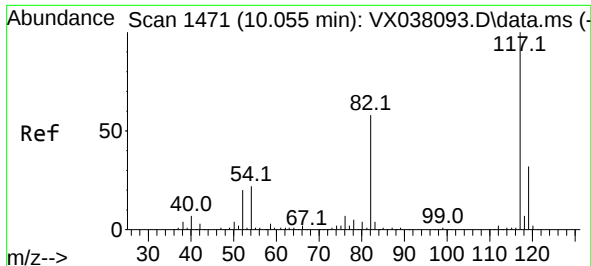
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 51.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

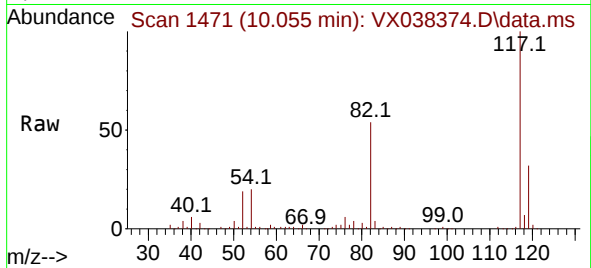
Tgt Ion: 95 Resp: 122020
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 78.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

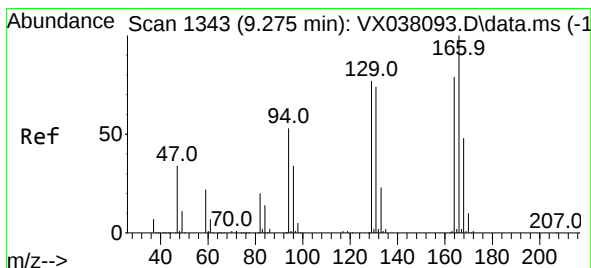
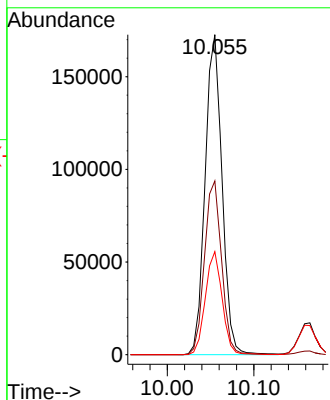
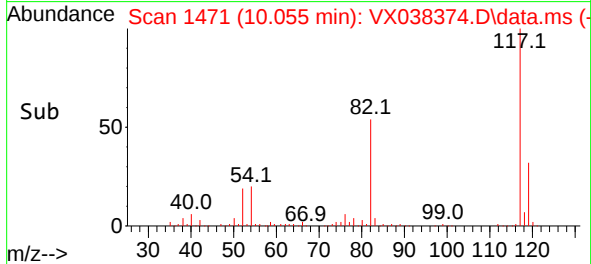
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion:117 Resp: 23478
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.2 25.5 38.3

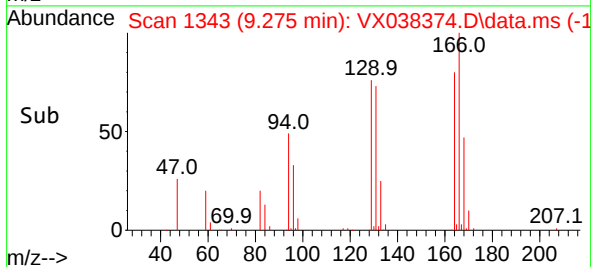
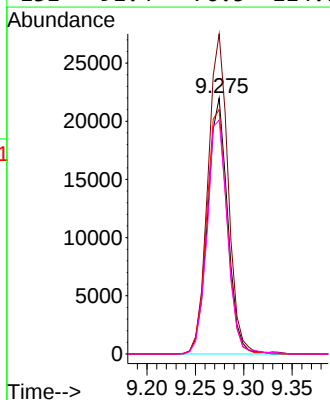
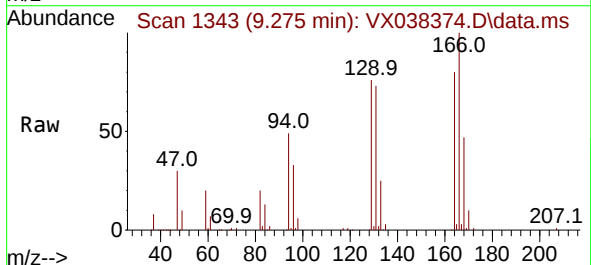
Manual Integrations
APPROVED

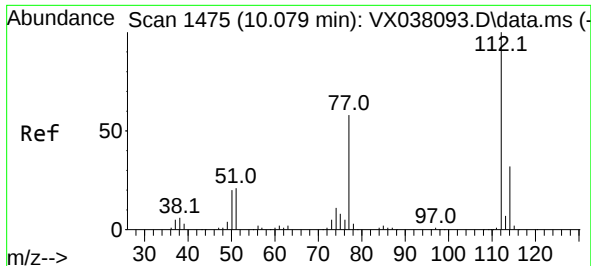
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 20.738 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

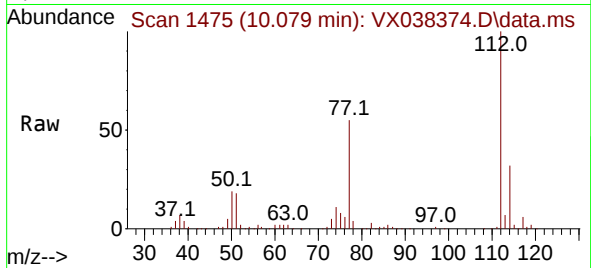
Tgt Ion:164 Resp: 31520
Ion Ratio Lower Upper
164 100
166 125.1 102.7 154.1
129 95.5 80.4 120.6
131 91.4 76.5 114.7





#65
Chlorobenzene
Concen: 20.122 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

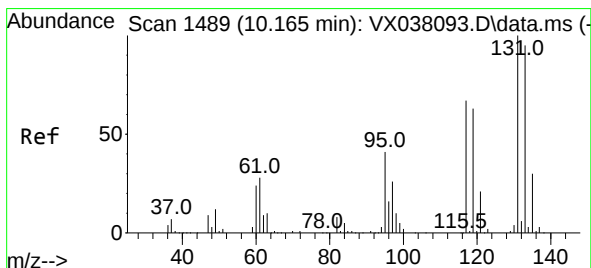
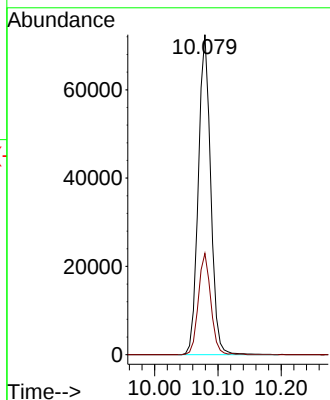
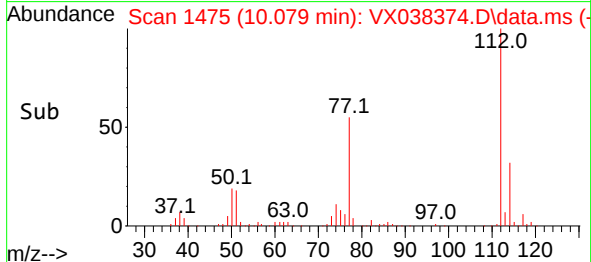
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



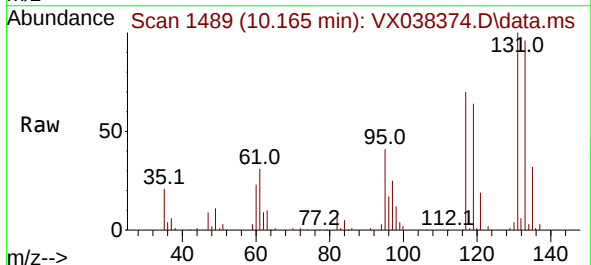
Tgt Ion:112 Resp: 98858
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

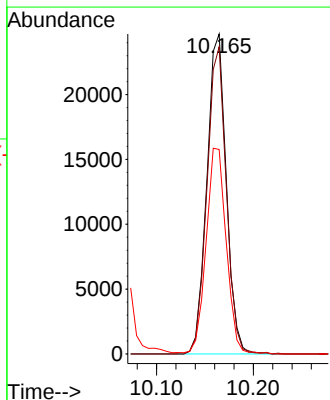
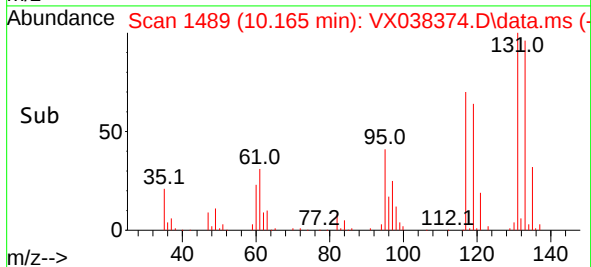
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

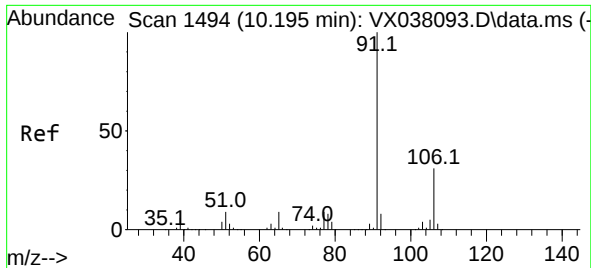


#66
1,1,1,2-Tetrachloroethane
Concen: 20.757 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



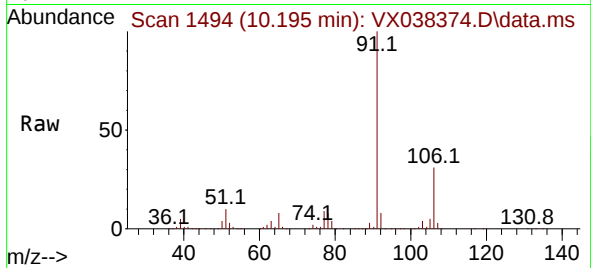
Tgt Ion:131 Resp: 34484
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 20.180 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

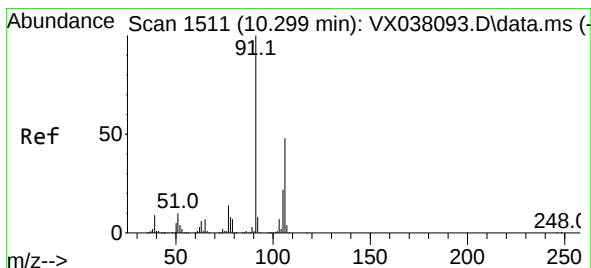
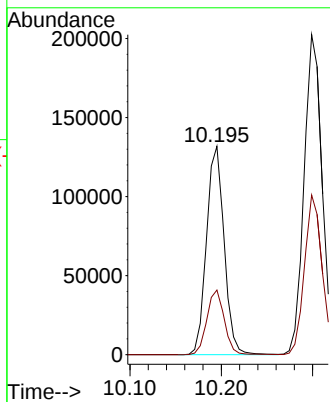
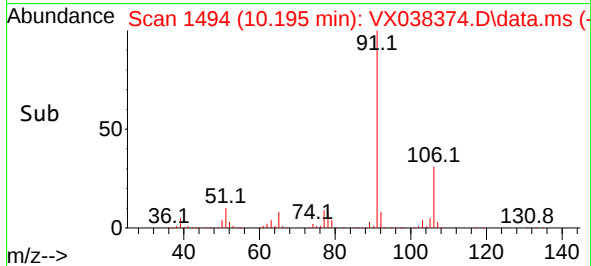
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



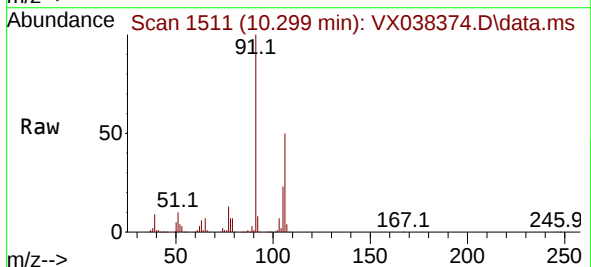
Tgt Ion: 91 Resp: 176972
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

Manual Integrations
APPROVED

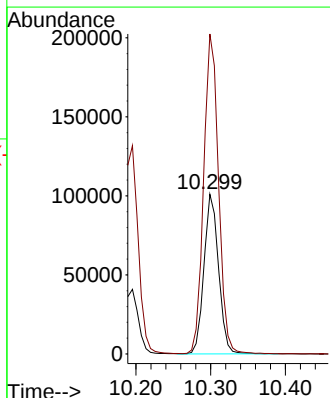
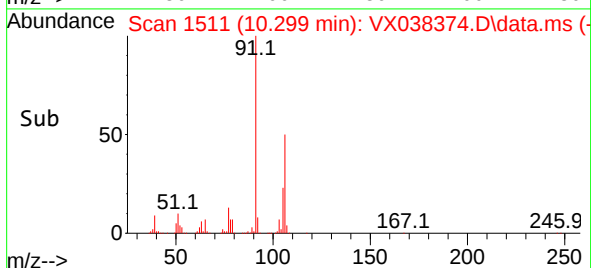
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

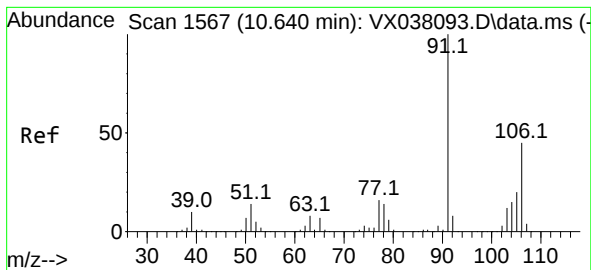


#68
m/p-Xylenes
Concen: 40.297 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion:106 Resp: 136641
Ion Ratio Lower Upper
106 100
91 204.9 165.5 248.3





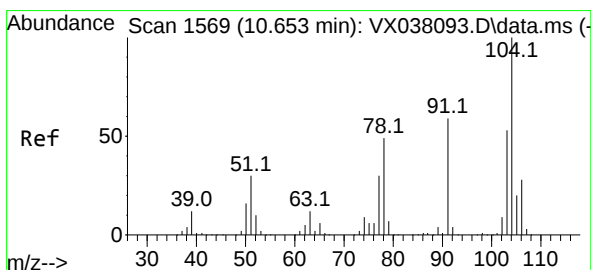
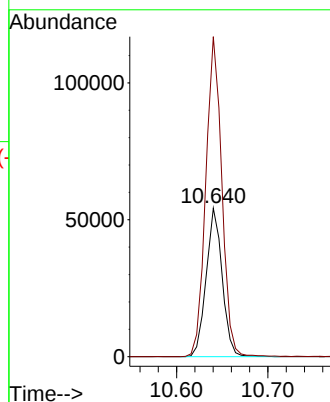
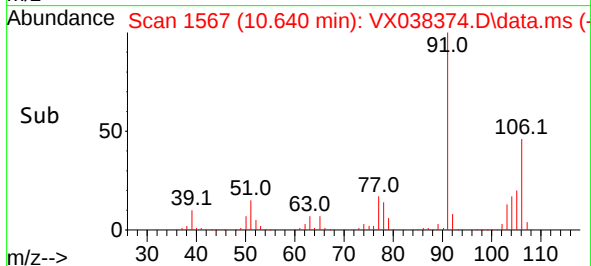
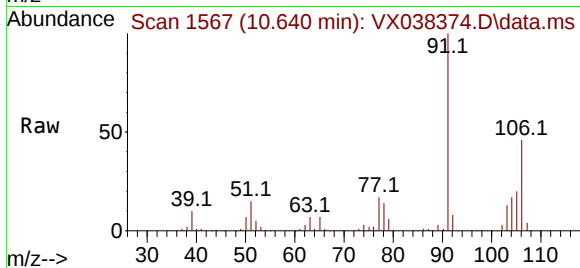
#69
o-Xylene
Concen: 19.912 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion:106 Resp: 6589
Ion Ratio Lower Upper
106 100
91 216.3 108.9 326.8

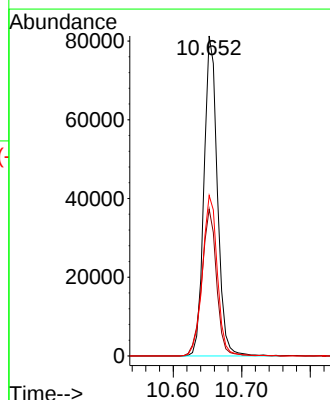
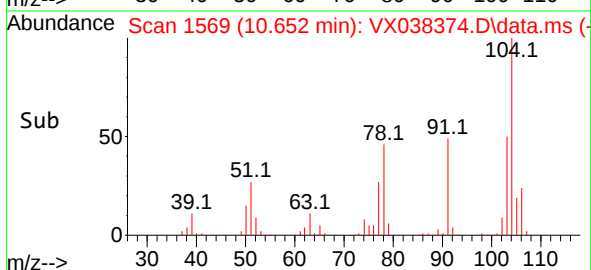
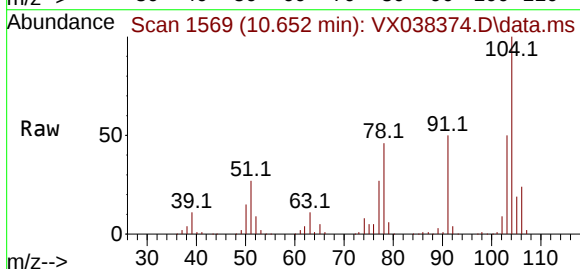
Manual Integrations
APPROVED

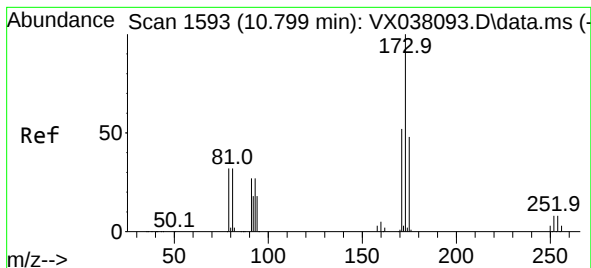
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 20.603 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion:104 Resp: 111039
Ion Ratio Lower Upper
104 100
78 50.0 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 19.470 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion:173 Resp: 2714

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

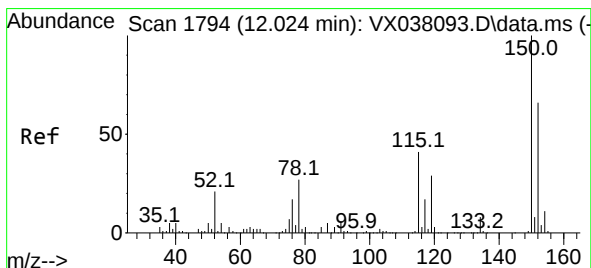
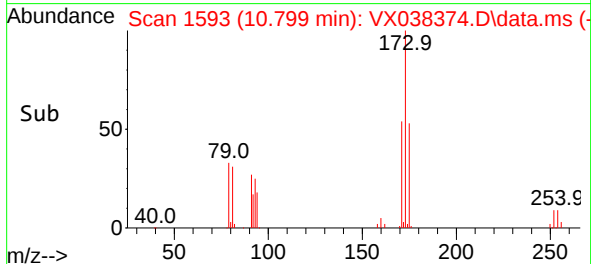
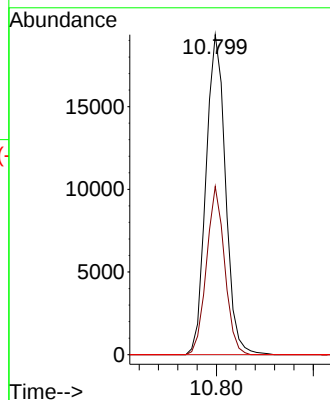
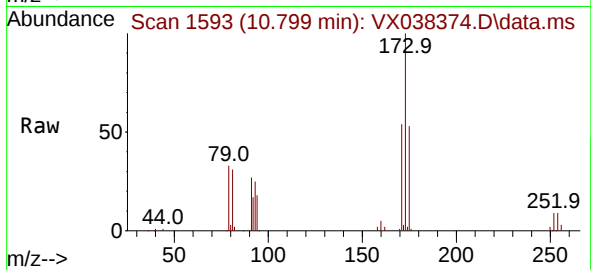
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

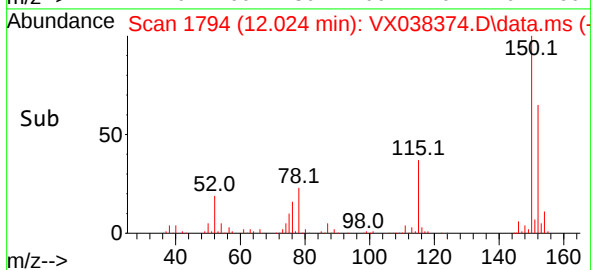
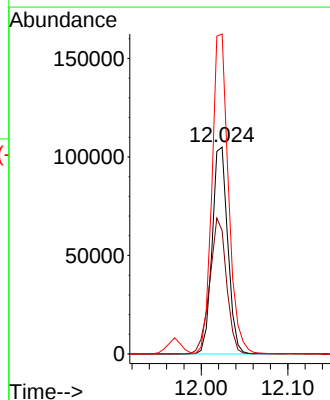
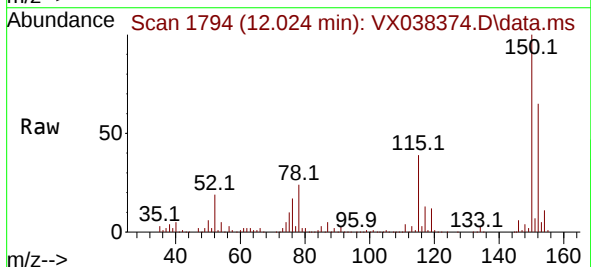
Tgt Ion:152 Resp: 131689

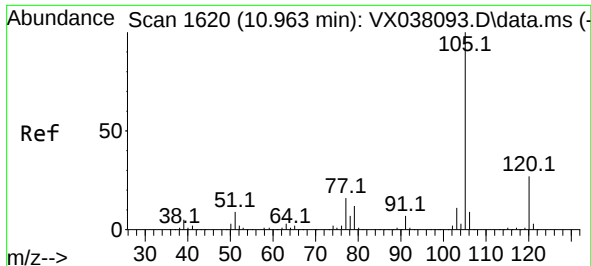
Ion Ratio Lower Upper

152 100

115 70.5 43.3 129.9

150 163.2 0.0 345.0





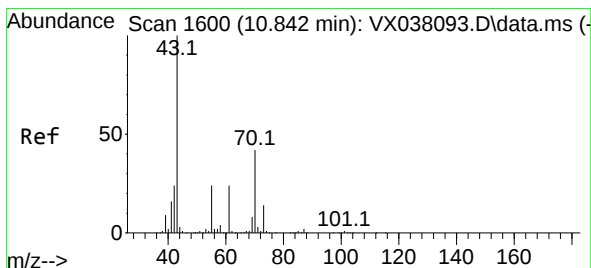
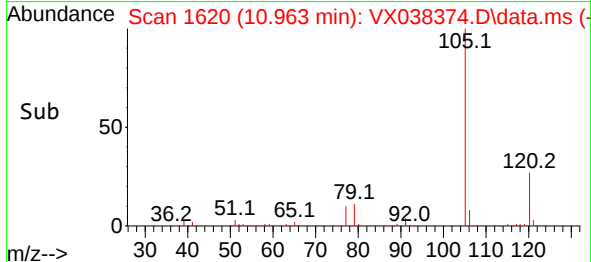
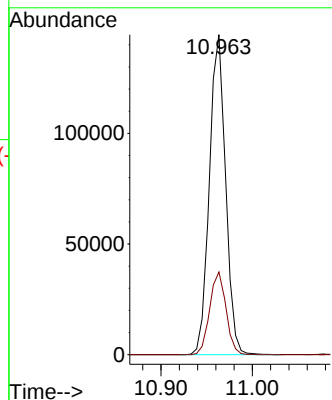
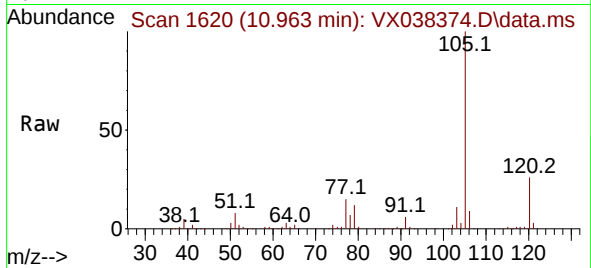
#73
Isopropylbenzene
Concen: 20.117 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion:105 Resp: 17766
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

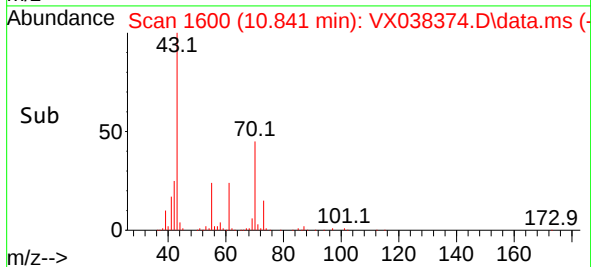
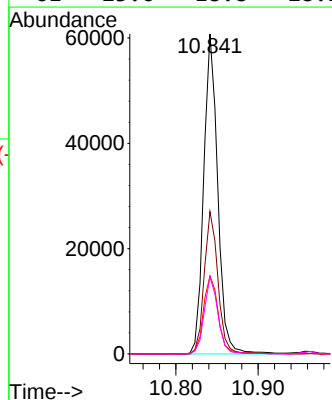
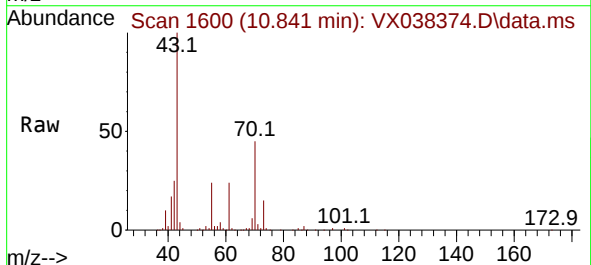
Manual Integrations
APPROVED

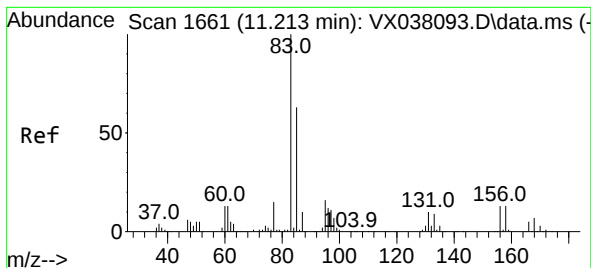
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 19.099 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 43 Resp: 72028
Ion Ratio Lower Upper
43 100
70 43.7 32.9 49.3
55 25.9 19.3 28.9
61 23.6 18.8 28.2





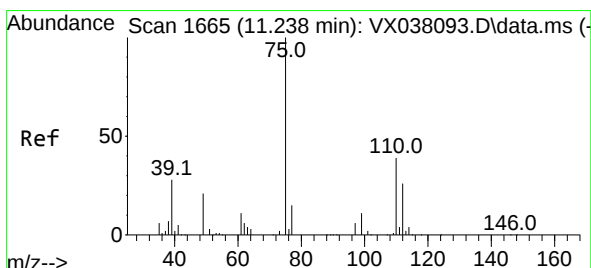
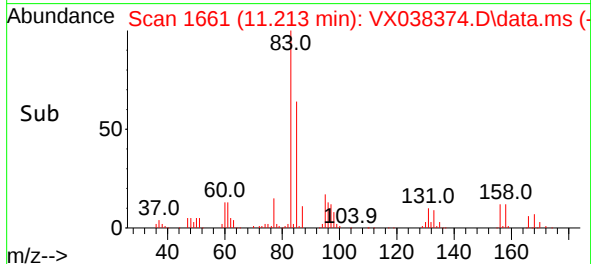
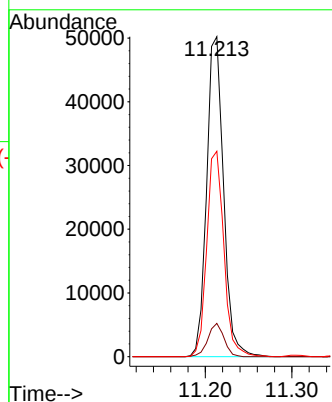
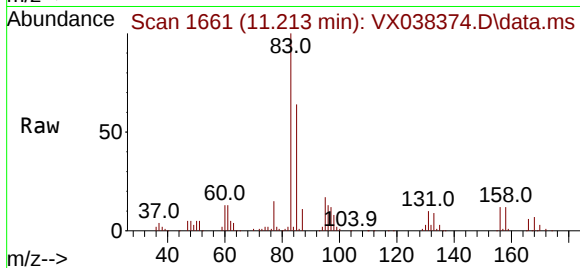
#75
1,1,2,2-Tetrachloroethane
Concen: 20.998 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 83 Resp: 68040
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.8 32.0 96.2

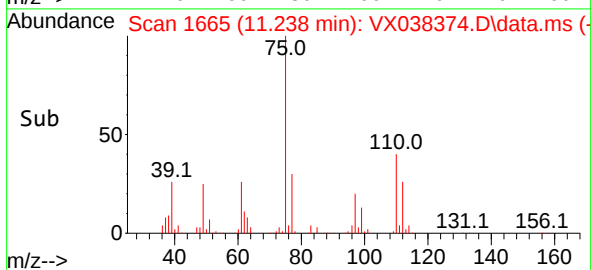
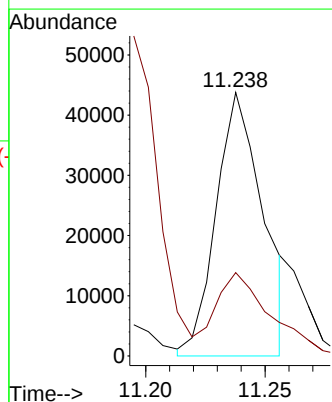
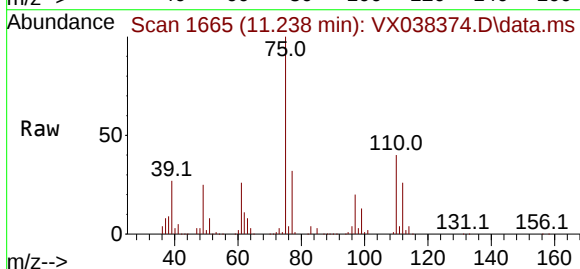
Manual Integrations
APPROVED

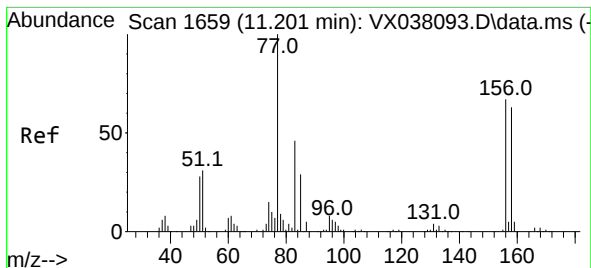
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 19.994 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 75 Resp: 59858
Ion Ratio Lower Upper
75 100
77 37.4 19.1 57.5





#77

Bromobenzene

Concen: 20.898 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

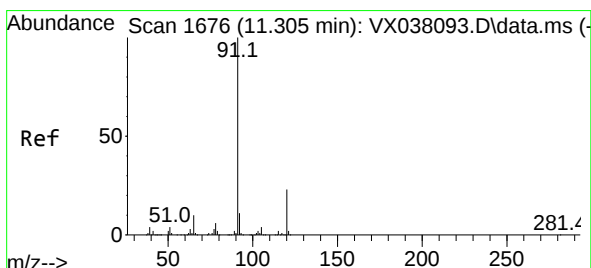
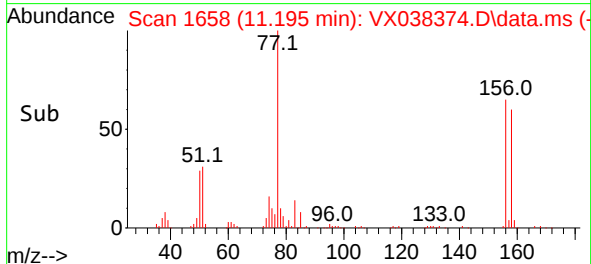
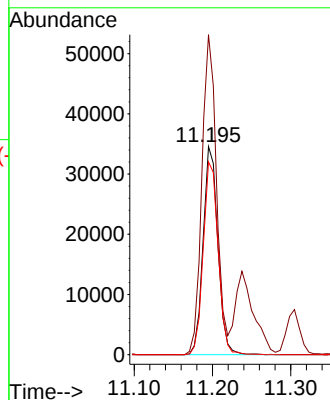
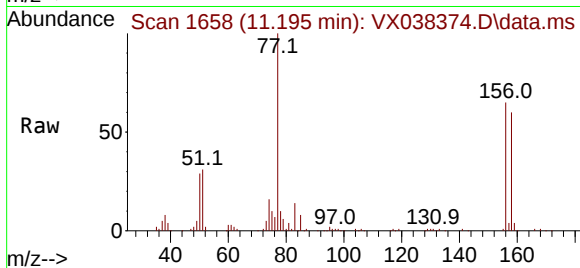
Tgt Ion:	156	Resp:	45059
Ion Ratio	Lower	Upper	
156	100		
77	152.6	88.4	265.3
158	94.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 19.934 ug/l

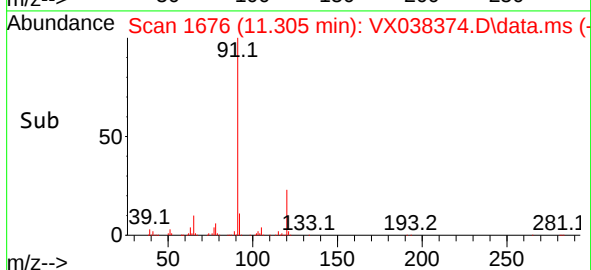
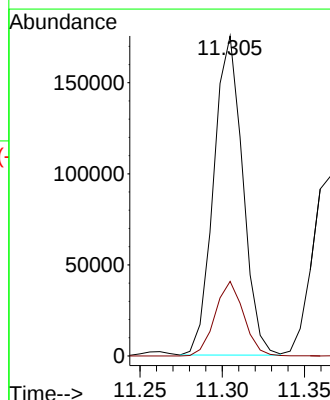
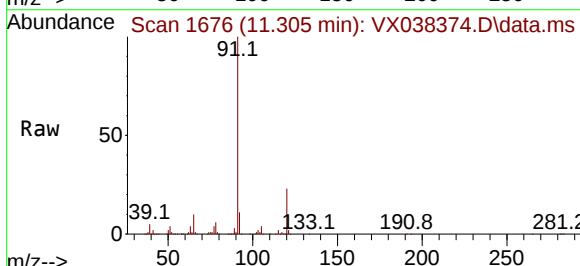
RT: 11.305 min Scan# 1676

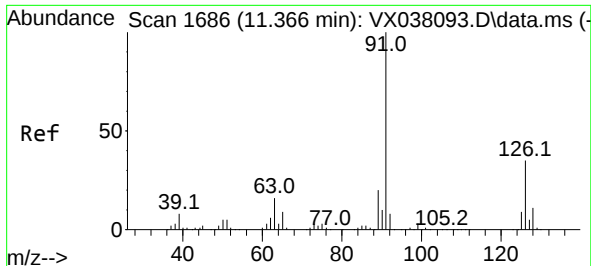
Delta R.T. -0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Tgt Ion:	91	Resp:	215255
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





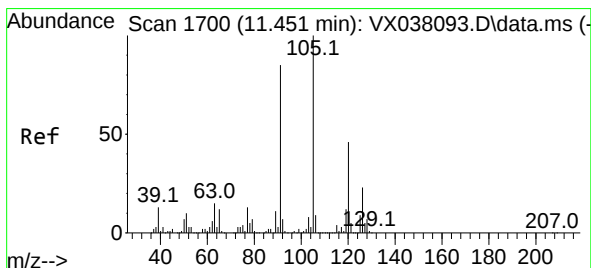
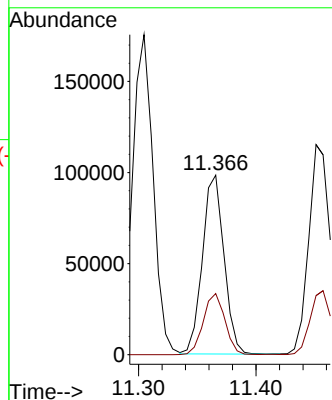
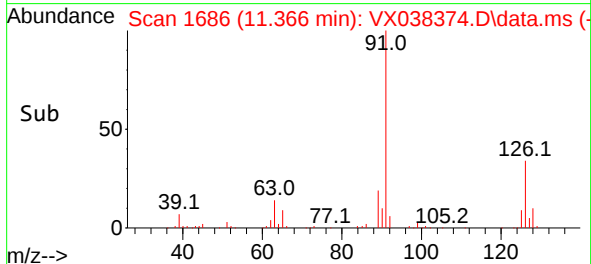
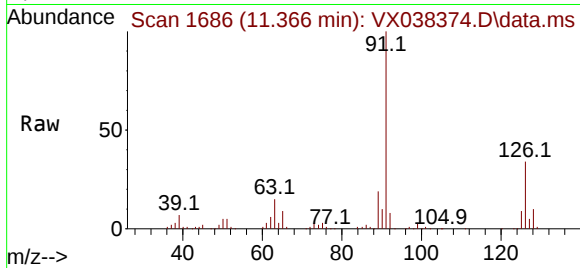
#79
2-Chlorotoluene
Concen: 19.582 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 91 Resp: 125409
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

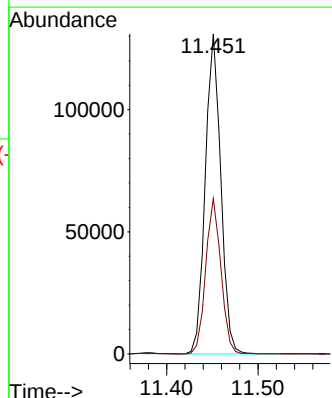
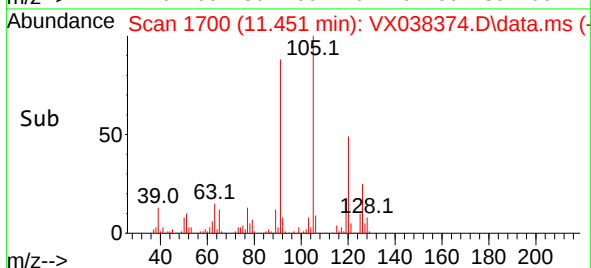
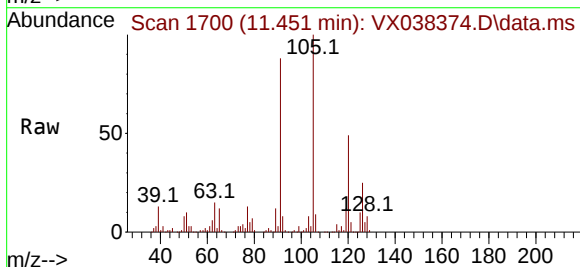
Manual Integrations
APPROVED

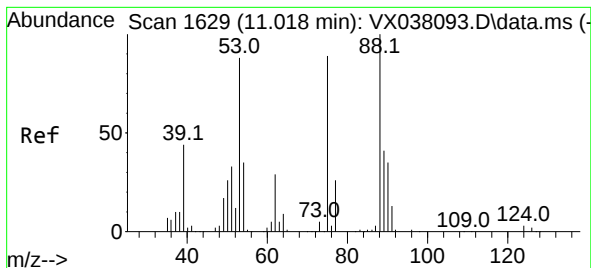
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion:105 Resp: 154643
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





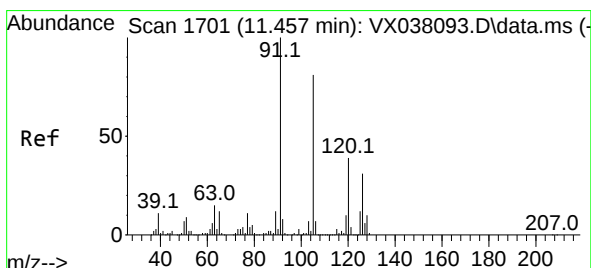
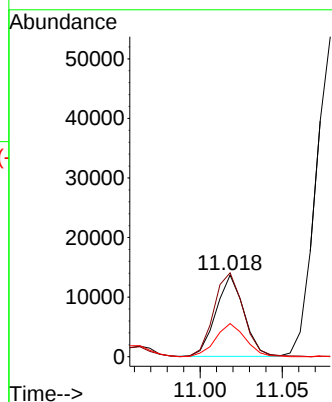
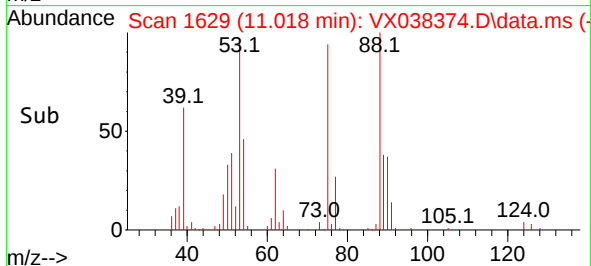
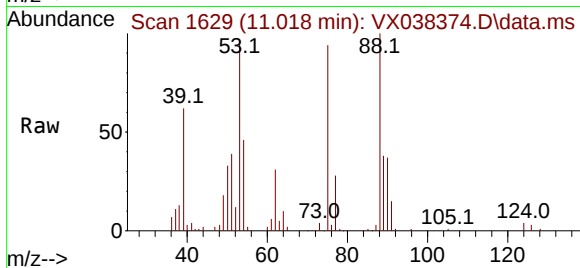
#81
trans-1,4-Dichloro-2-butene
Concen: 18.396 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01

Tgt Ion: 75 Resp: 1601
Ion Ratio Lower Upper
75 100
53 110.1 90.5 135.7
89 43.7 36.9 55.3

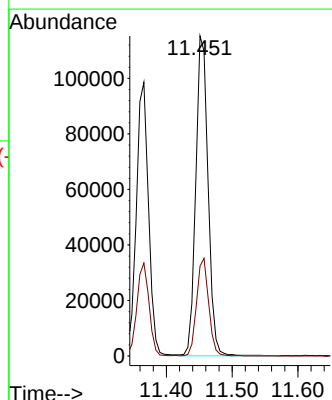
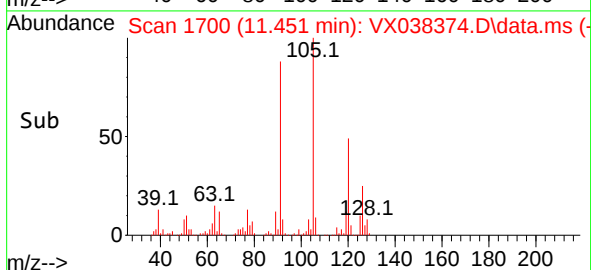
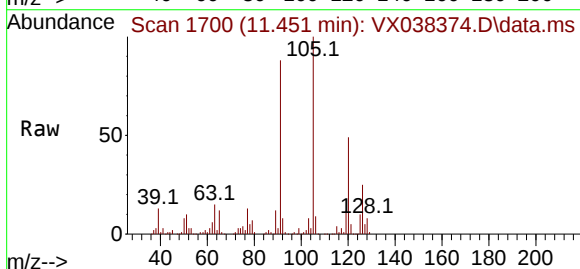
Manual Integrations
APPROVED

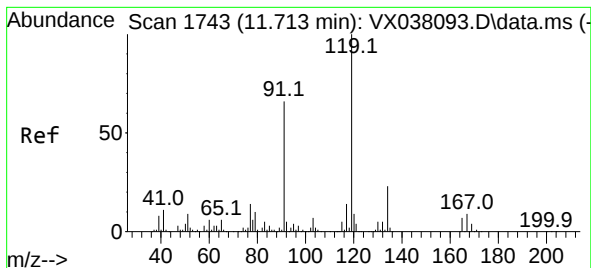
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 19.622 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

Tgt Ion: 91 Resp: 148696
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.986 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

Tgt Ion:119 Resp: 148792

Ion Ratio Lower Upper

119 100

91 59.1 31.2 93.6

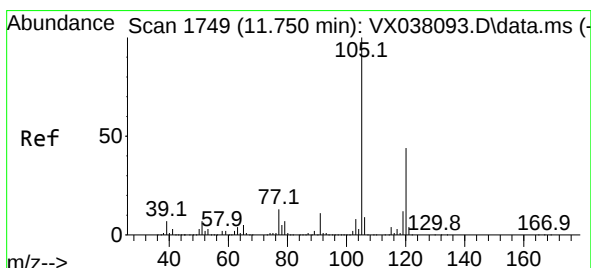
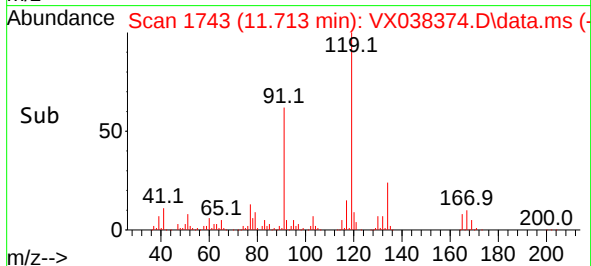
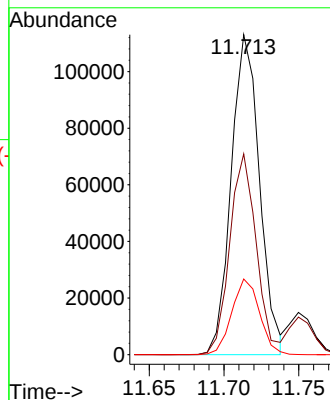
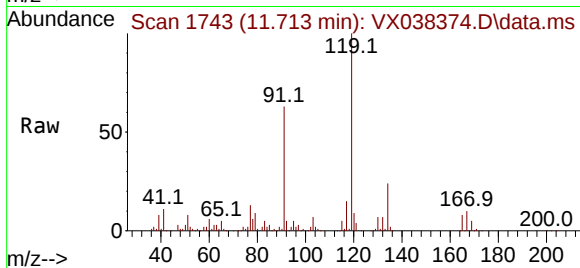
134 23.2 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.157 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038374.D

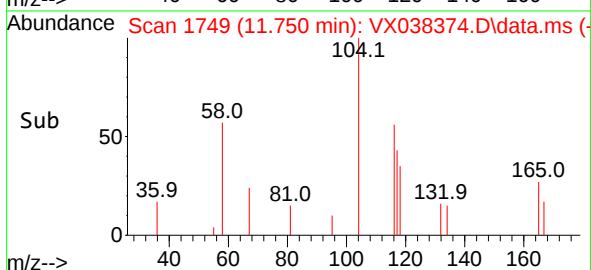
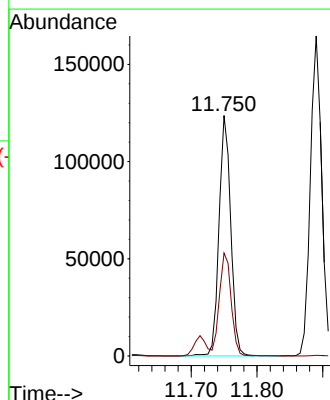
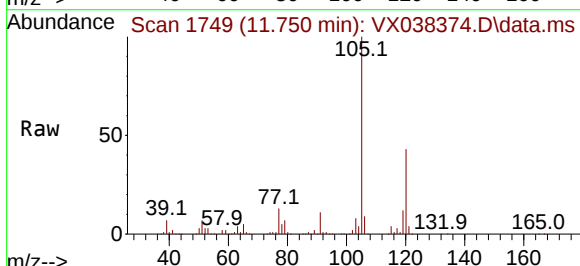
Acq: 19 Oct 2023 10:46

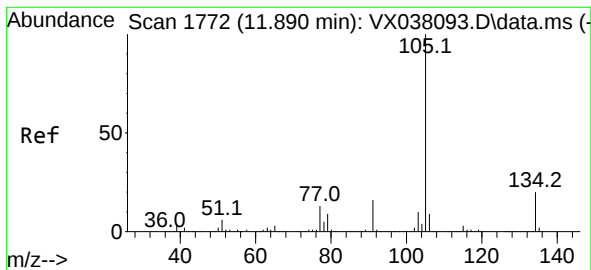
Tgt Ion:105 Resp: 153126

Ion Ratio Lower Upper

105 100

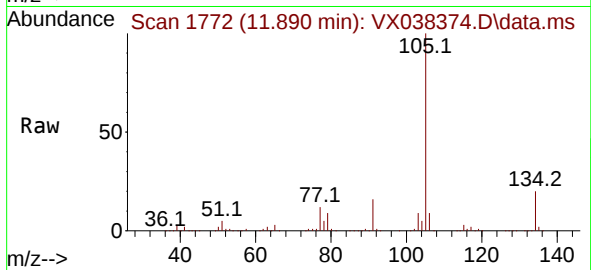
120 42.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.489 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038374.D
 Acq: 19 Oct 2023 10:46

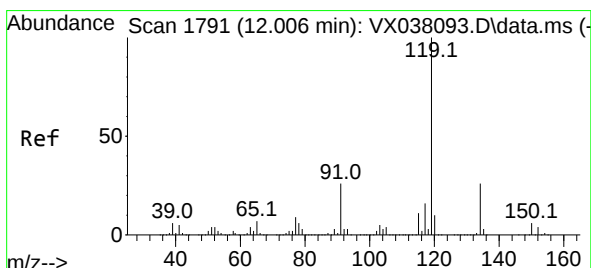
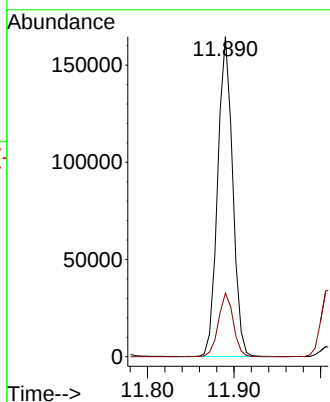
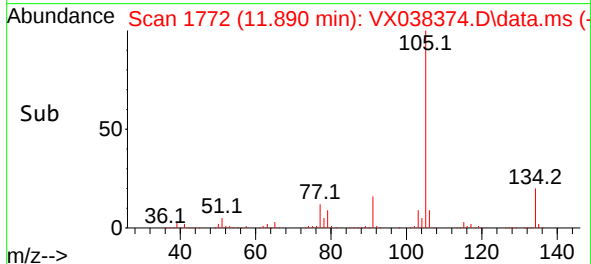
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01



Tgt Ion:105 Resp: 197600
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

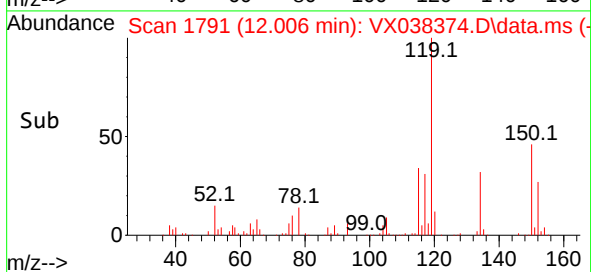
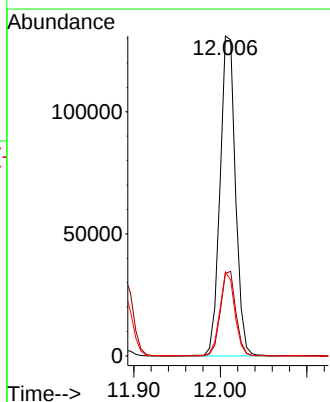
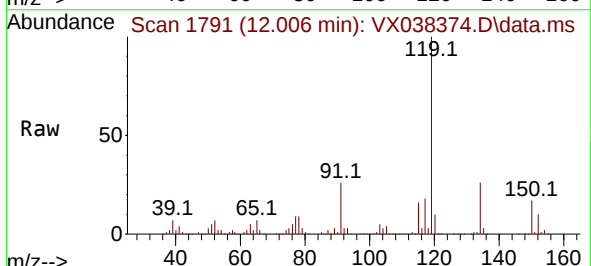
Manual Integrations
 APPROVED

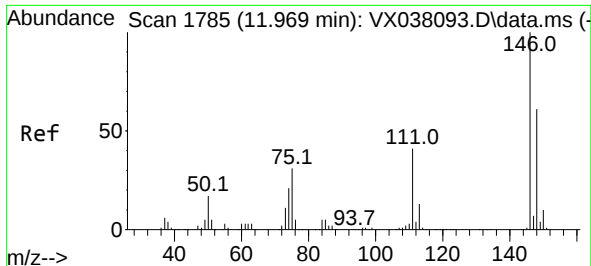
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 20.366 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038374.D
 Acq: 19 Oct 2023 10:46

Tgt Ion:119 Resp: 162051
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.157 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

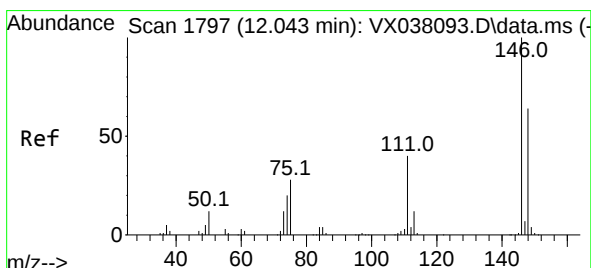
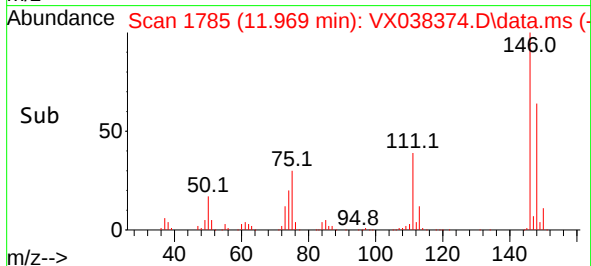
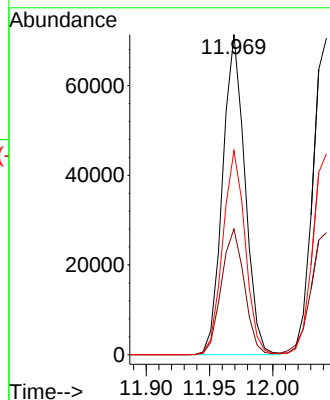
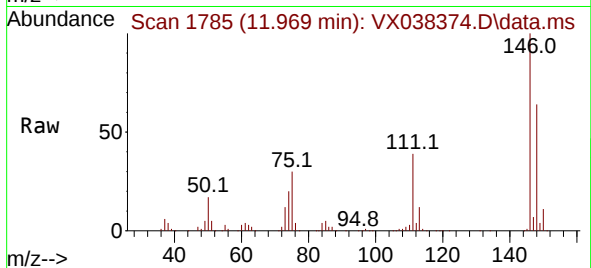
Tgt Ion:146 Resp: 87293
 Ion Ratio Lower Upper
 146 100
 111 40.5 22.1 66.1
 148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 20.219 ug/l

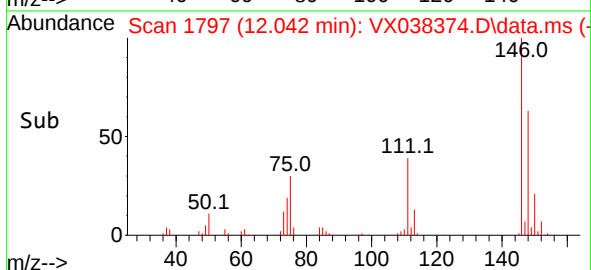
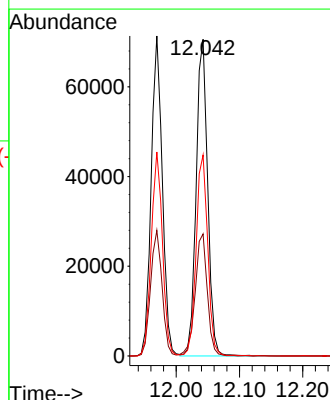
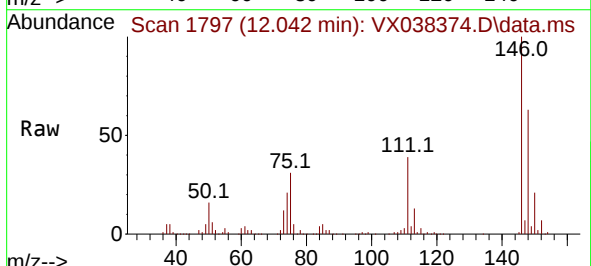
RT: 12.042 min Scan# 1797

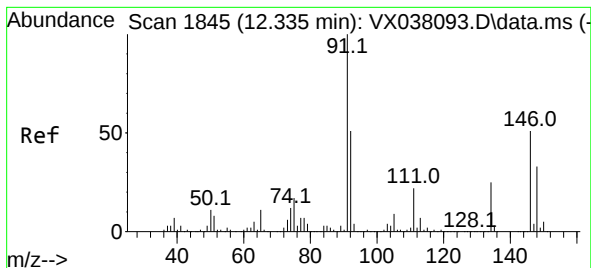
Delta R.T. -0.001 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

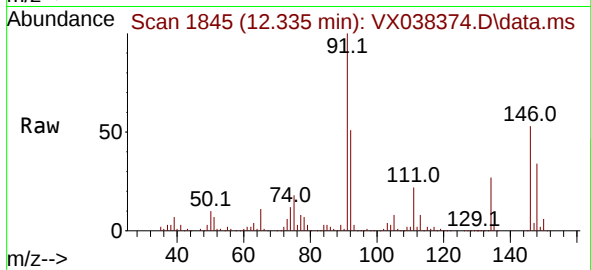
Tgt Ion:146 Resp: 89394
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 63.7
 148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.696 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

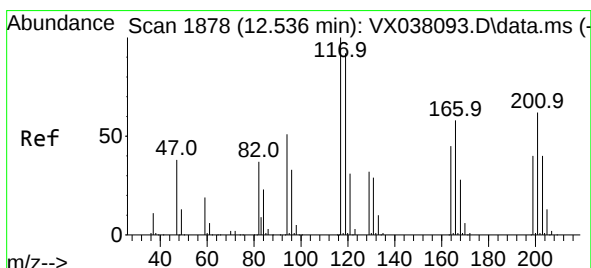
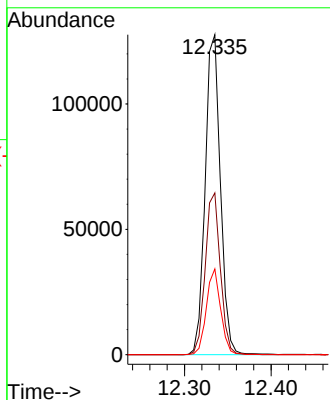
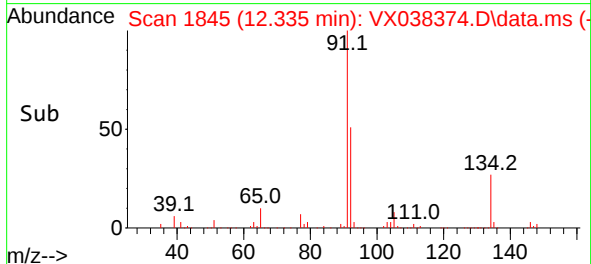
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



Tgt Ion: 91 Resp: 156080
Ion Ratio Lower Upper
91 100
92 50.3 27.4 82.0
134 25.2 12.6 37.8

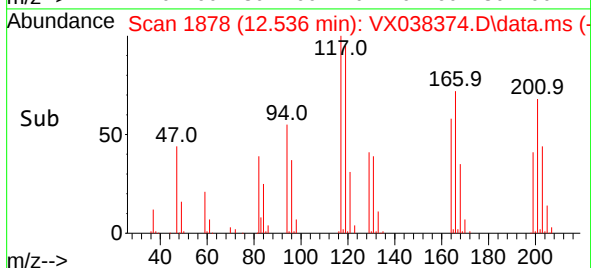
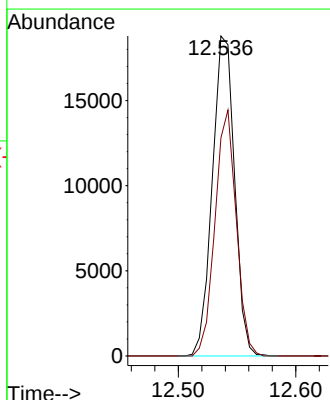
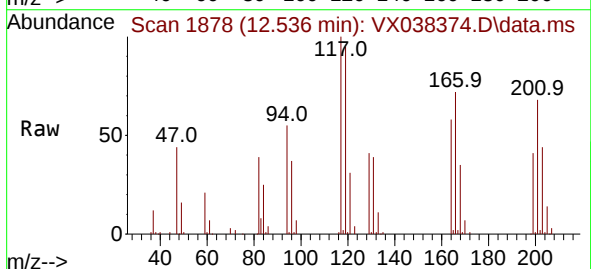
Manual Integrations
APPROVED

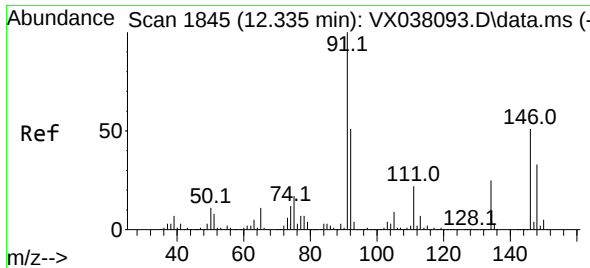
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 18.799 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

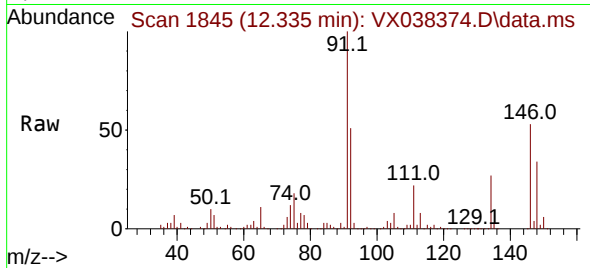
Tgt Ion:117 Resp: 24801
Ion Ratio Lower Upper
117 100
201 73.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.146 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

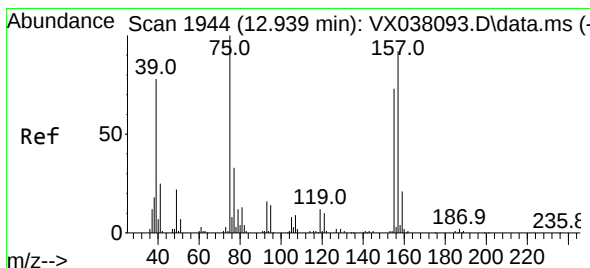
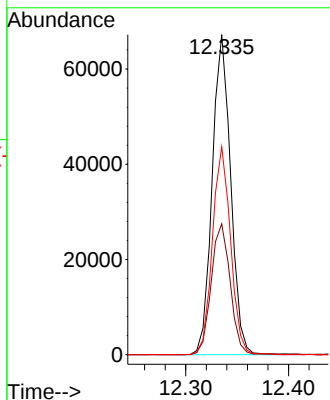
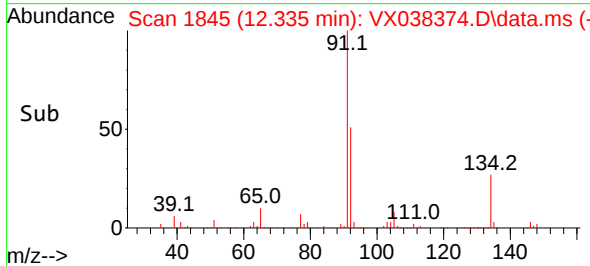
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



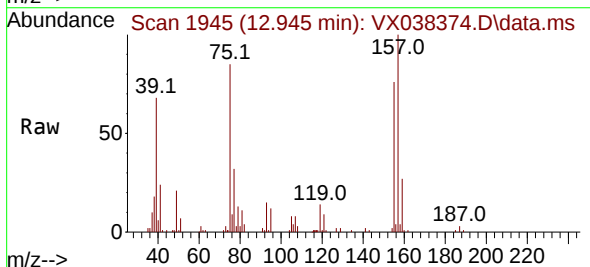
Tgt Ion:146 Resp: 83862
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
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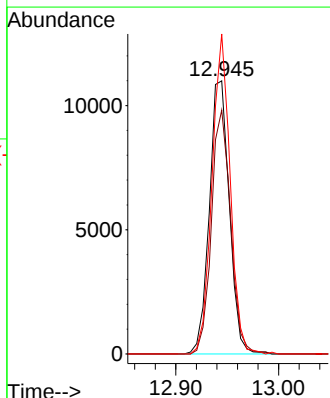
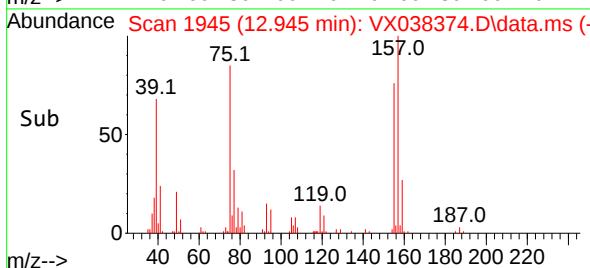
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

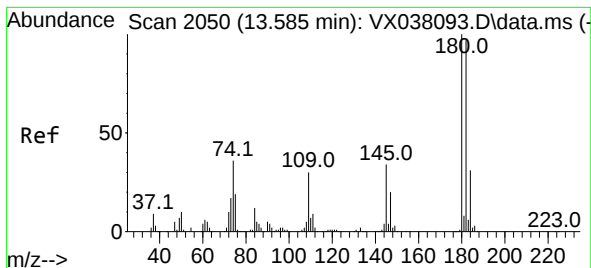


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.949 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion: 75 Resp: 14847
Ion Ratio Lower Upper
75 100
155 85.8 36.1 108.5
157 106.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.007 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD01

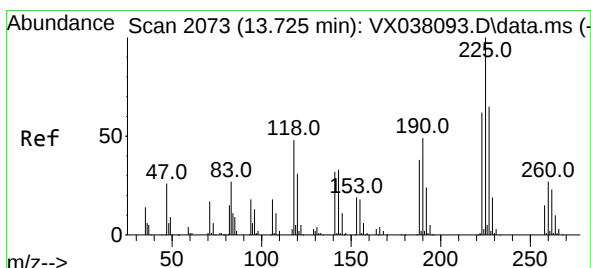
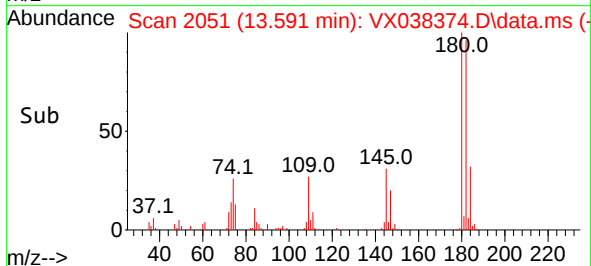
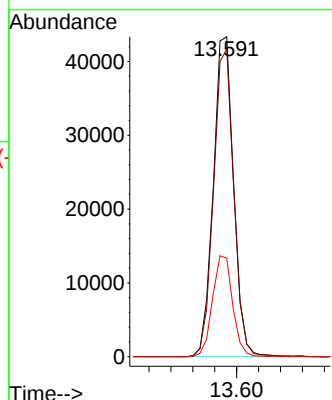
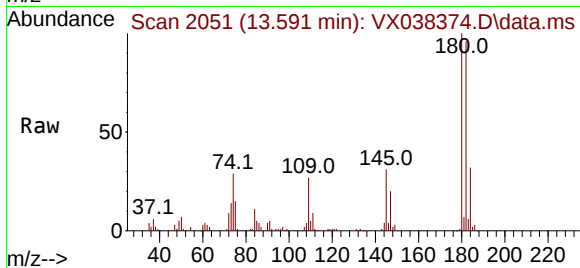
Tgt Ion:180	Resp:	5585
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.3 144.8
145	31.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 21.342 ug/l

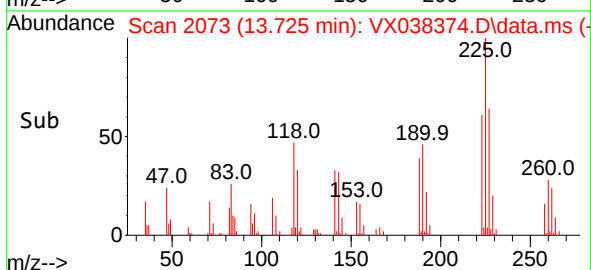
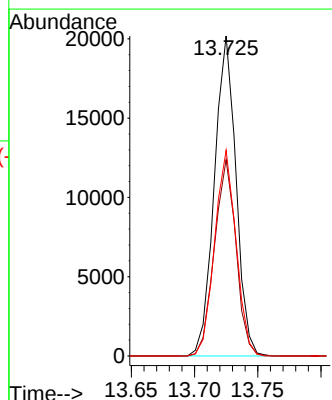
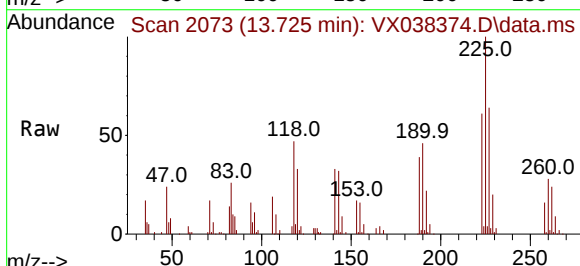
RT: 13.725 min Scan# 2073

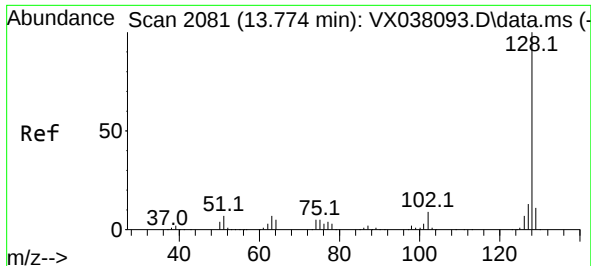
Delta R.T. 0.000 min

Lab File: VX038374.D

Acq: 19 Oct 2023 10:46

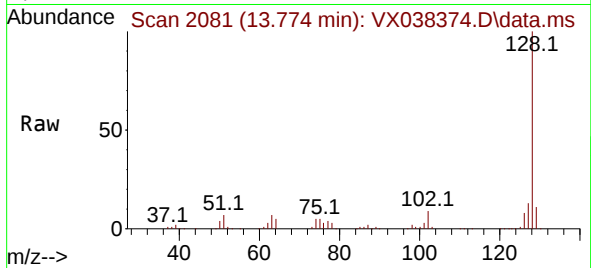
Tgt Ion:225	Resp:	23983
Ion Ratio	Lower	Upper
225	100	
223	61.1	31.1 93.2
227	63.6	32.5 97.5





#95
Naphthalene
Concen: 19.429 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46

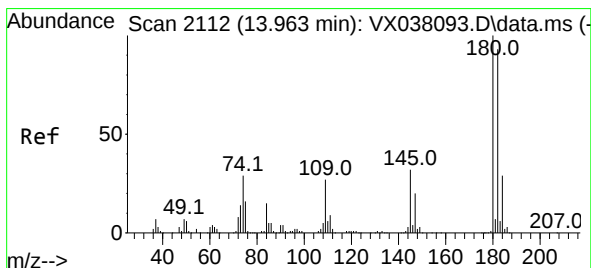
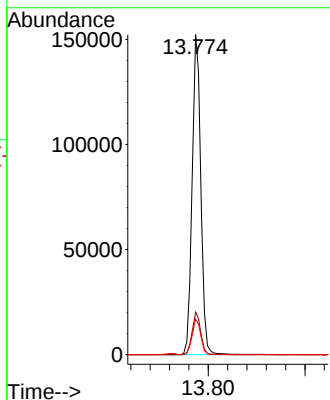
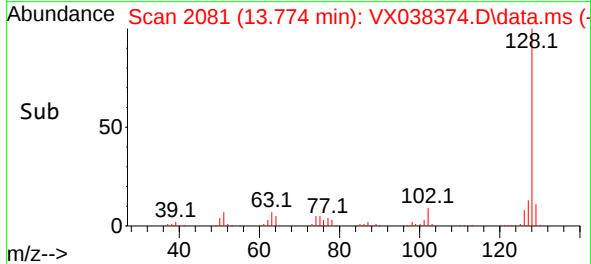
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD01



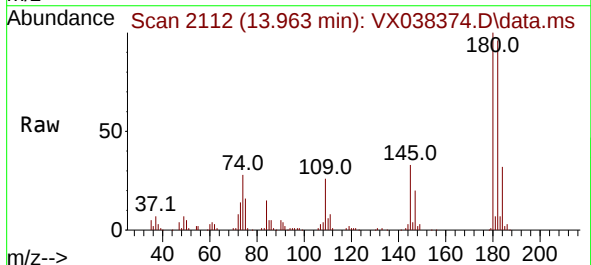
Tgt Ion:128 Resp: 18891
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.481 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038374.D
Acq: 19 Oct 2023 10:46



Tgt Ion:180 Resp: 55370
Ion Ratio Lower Upper
180 100
182 93.0 46.9 140.6
145 32.7 17.8 53.5

