

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038497.D
 Acq On : 26 Oct 2023 04:39
 Operator : JC/MD
 Sample : VX1025WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 06:15:23 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	159552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	260894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106565	41.525	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.040%		
35) Dibromofluoromethane	5.385	113	95883	51.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.000%		
50) Toluene-d8	8.647	98	323471	45.029	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.060%#		
62) 4-Bromofluorobenzene	11.079	95	128539	47.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31827	20.666	ug/l	96
3) Chloromethane	1.295	50	30852	19.655	ug/l	98
4) Vinyl Chloride	1.374	62	35039	20.133	ug/l	97
5) Bromomethane	1.605	94	42567	18.079	ug/l	100
6) Chloroethane	1.691	64	23501	18.457	ug/l	99
7) Trichlorofluoromethane	1.886	101	63236	18.395	ug/l	98
8) Diethyl Ether	2.136	74	23974	18.700	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	33180	22.110	ug/l	92
10) Methyl Iodide	2.453	142	47430	21.966	ug/l	90
11) Tert butyl alcohol	2.953	59	54581	89.215	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	32587	22.323	ug/l	85
13) Acrolein	2.233	56	35989	98.647	ug/l	99
14) Allyl chloride	2.666	41	48994	18.764	ug/l	95
15) Acrylonitrile	3.062	53	121306	103.870	ug/l	98
16) Acetone	2.374	43	101935	95.174	ug/l	# 89
17) Carbon Disulfide	2.514	76	76713	18.233	ug/l	98
18) Methyl Acetate	2.703	43	103830	22.606	ug/l	# 91
19) Methyl tert-butyl Ether	3.111	73	121077	20.826	ug/l	99
20) Methylene Chloride	2.788	84	41886	20.791	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	36387	20.132	ug/l	90
22) Diisopropyl ether	3.764	45	106549	19.471	ug/l	# 87
23) Vinyl Acetate	3.721	43	369845	92.159	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	65976	19.866	ug/l	98
25) 2-Butanone	4.556	43	162337	93.940	ug/l	# 85
26) 2,2-Dichloropropane	4.477	77	37276	14.376	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	45509	21.142	ug/l	83
28) Bromochloromethane	4.898	49	27689	18.469	ug/l	# 70
29) Tetrahydrofuran	5.007	42	104645	93.010	ug/l	# 85
30) Chloroform	5.093	83	74449	20.500	ug/l	94
31) Cyclohexane	5.471	56	47449	17.066	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	61782	19.862	ug/l	98
36) 1,1-Dichloropropene	5.696	75	48632	18.760	ug/l	94
37) Ethyl Acetate	4.715	43	57636	18.720	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	54224	21.263	ug/l	98
39) Methylcyclohexane	7.379	83	53511	17.623	ug/l	93
40) Benzene	6.038	78	152225	20.994	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30076	19.637	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	57462	19.836	ug/l	97
43) Isopropyl Acetate	6.336	43	89253	19.419	ug/l #	95
44) Trichloroethene	7.129	130	43621	23.002	ug/l	91
45) 1,2-Dichloropropane	7.434	63	38650	20.596	ug/l	98
46) Dibromomethane	7.580	93	31463	21.617	ug/l	91
47) Bromodichloromethane	7.824	83	55893	21.587	ug/l	93
48) Methyl methacrylate	7.696	41	43788	19.957	ug/l #	84
49) 1,4-Dioxane	7.659	88	18887	349.322	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	320611	101.133	ug/l	95
52) Toluene	8.720	92	98729	20.903	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	52545	18.906	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	58152	19.915	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	45398	22.472	ug/l	96
56) Ethyl methacrylate	9.116	69	62551	20.194	ug/l	90
57) 1,3-Dichloropropane	9.311	76	69399	21.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	148827	97.886	ug/l	95
59) 2-Hexanone	9.427	43	256254	100.547	ug/l	94
60) Dibromochloromethane	9.519	129	46981	23.761	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47723	21.844	ug/l	98
64) Tetrachloroethene	9.275	164	38395	23.219	ug/l	97
65) Chlorobenzene	10.080	112	113869	21.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42424	23.472	ug/l	99
67) Ethyl Benzene	10.195	91	194161	20.350	ug/l	100
68) m/p-Xylenes	10.299	106	151832	41.156	ug/l	97
69) o-Xylene	10.640	106	74712	20.750	ug/l	97
70) Styrene	10.653	104	123450	21.053	ug/l	95
71) Bromoform	10.799	173	35573	22.864	ug/l #	100
73) Isopropylbenzene	10.964	105	197388	20.220	ug/l	99
74) N-amyl acetate	10.842	43	75148	18.027	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	75732	21.142	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66864m	20.206	ug/l	
77) Bromobenzene	11.195	156	53024	22.248	ug/l	84
78) n-propylbenzene	11.305	91	229133	19.196	ug/l	99
79) 2-Chlorotoluene	11.366	91	136023	19.216	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	167347	19.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16280	17.240	ug/l	95
82) 4-Chlorotoluene	11.451	91	160315	19.139	ug/l	94
83) tert-Butylbenzene	11.713	119	166335	20.213	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	167780	19.981	ug/l	97
85) sec-Butylbenzene	11.890	105	210265	19.725	ug/l	100
86) p-Isopropyltoluene	12.006	119	176345	20.050	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	99375	20.760	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	100999	20.667	ug/l	98
89) n-Butylbenzene	12.329	91	152931	17.460	ug/l	96
90) Hexachloroethane	12.536	117	29463	20.204	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	99002	21.516	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16737	19.325	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	66460	21.535	ug/l	97
94) Hexachlorobutadiene	13.725	225	25178	20.270	ug/l	97
95) Naphthalene	13.774	128	224946	20.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65839	22.033	ug/l	97

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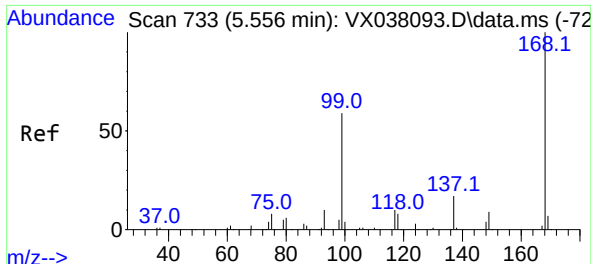
Manual Integrations
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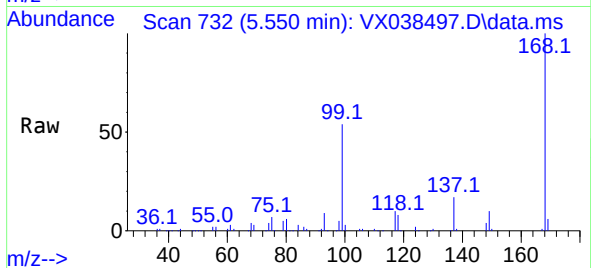
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038497.D
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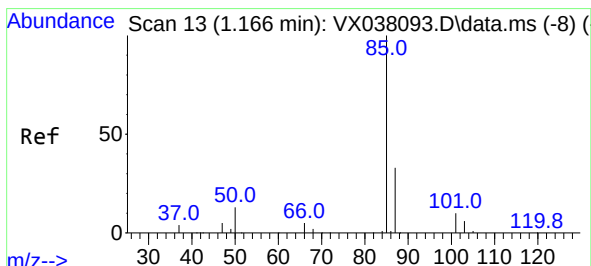
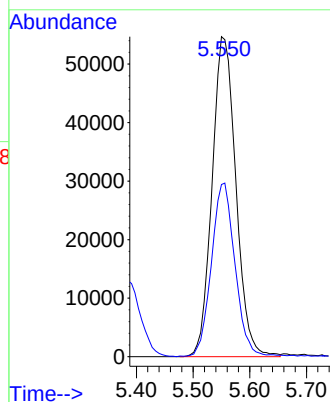
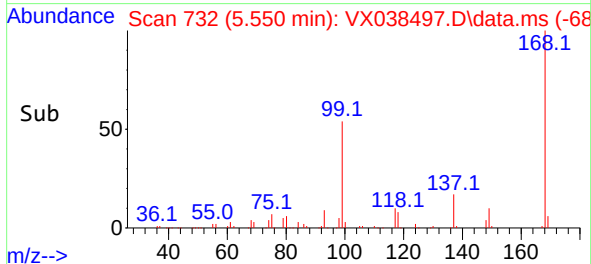
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



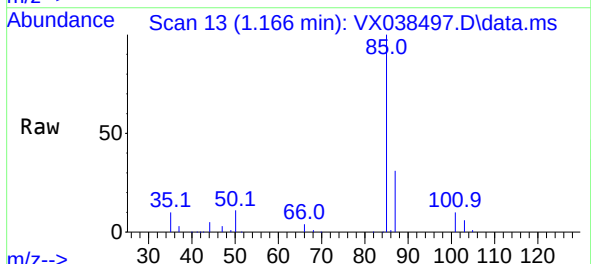
Tgt Ion:168 Resp: 159552
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0

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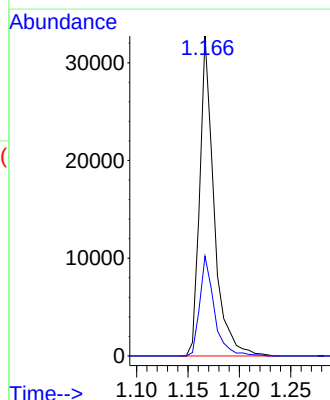
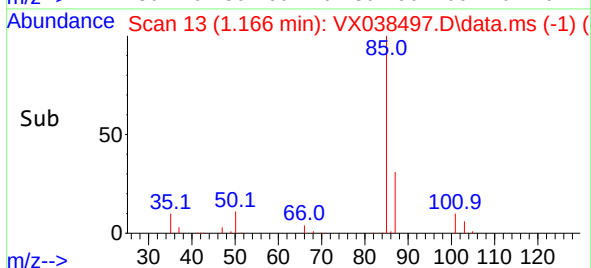
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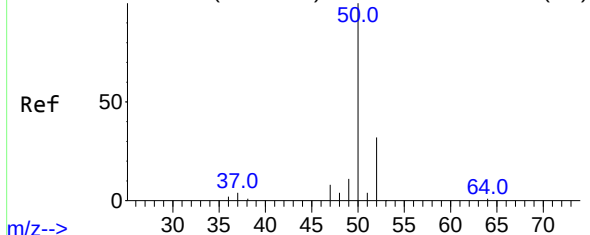
#2
Dichlorodifluoromethane
Concen: 20.666 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



Tgt Ion: 85 Resp: 31827
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1



Abundance Scan 36 (1.307 min): VX038093.D\data.ms (-27)



#3

Chloromethane

Concen: 19.655 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 50 Resp: 3085

Ion Ratio Lower Upper

50 100

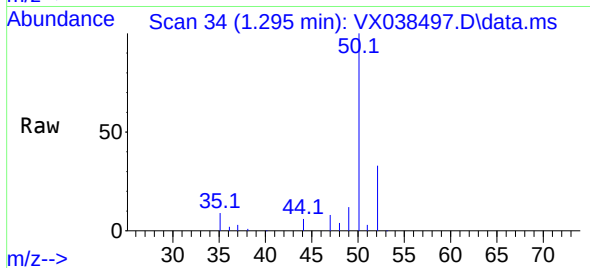
52 32.9 25.5 38.3

Manual Integrations

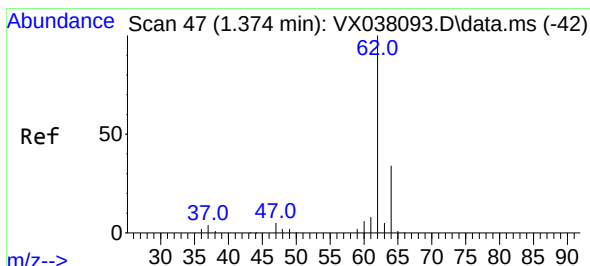
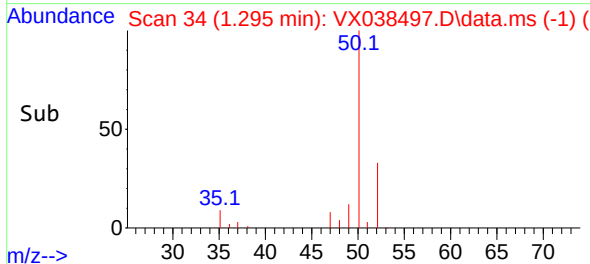
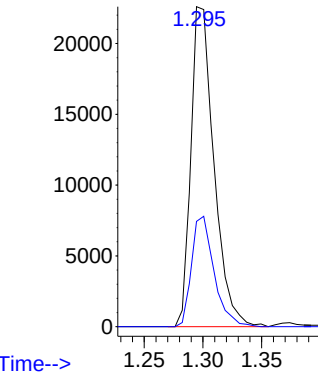
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Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



Abundance



#4

Vinyl Chloride

Concen: 20.133 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038497.D

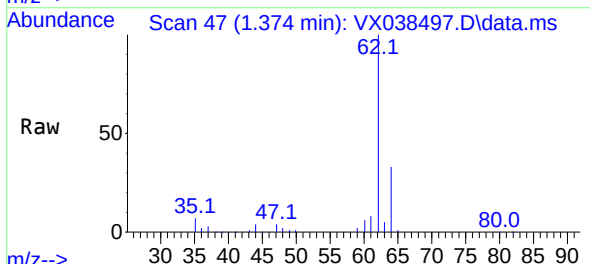
Acq: 26 Oct 2023 04:39

Tgt Ion: 62 Resp: 35039

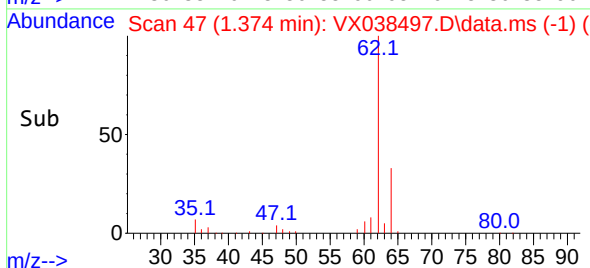
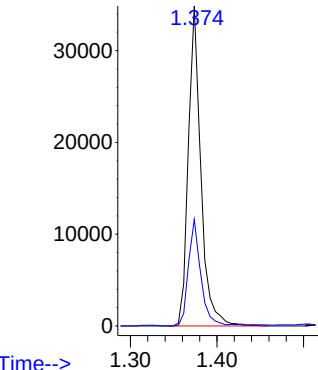
Ion Ratio Lower Upper

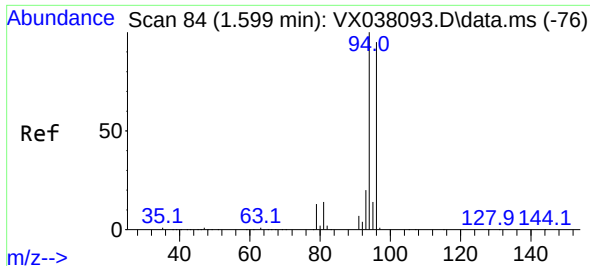
62 100

64 33.3 25.4 38.0



Abundance





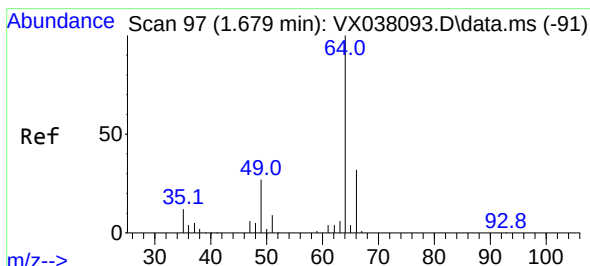
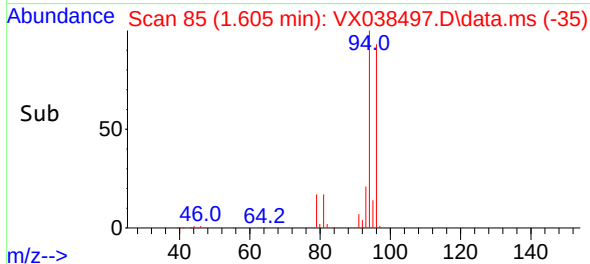
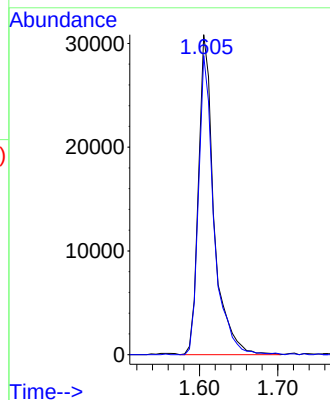
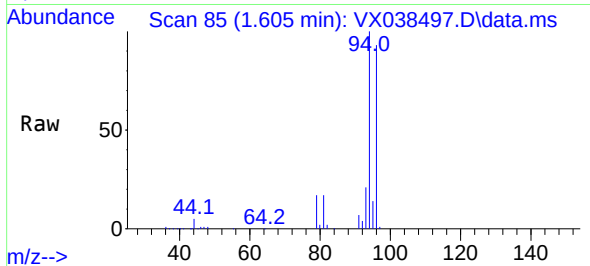
#5
Bromomethane
Concen: 18.079 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

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Tgt Ion: 94 Resp: 4256
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

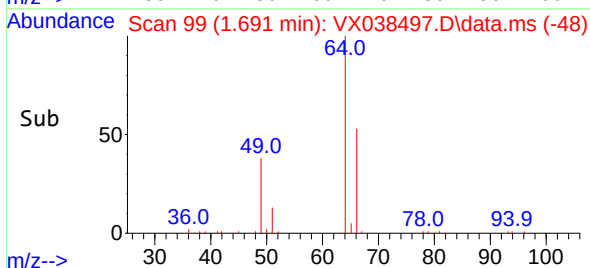
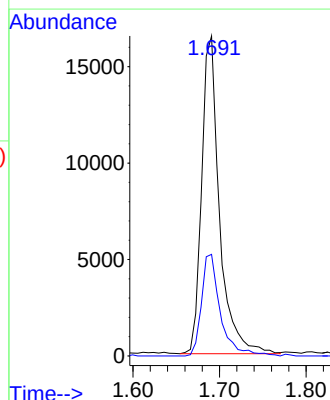
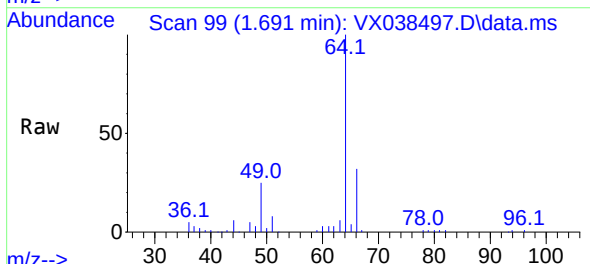
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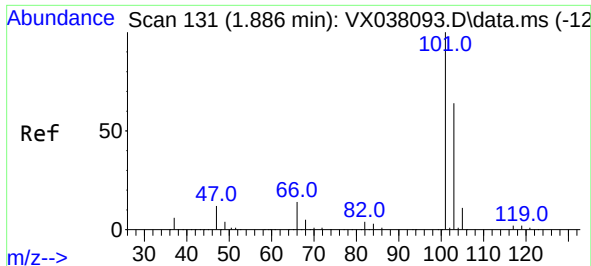
Reviewed By :John Carlone 10/26/2023
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#6
Chloroethane
Concen: 18.457 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

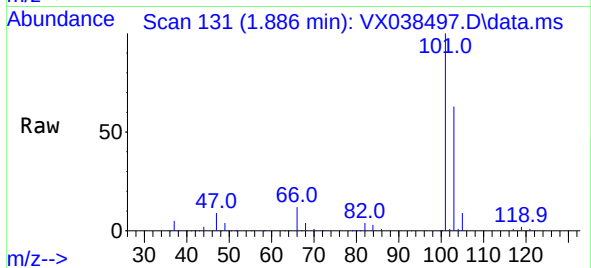
Tgt Ion: 64 Resp: 23501
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.395 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

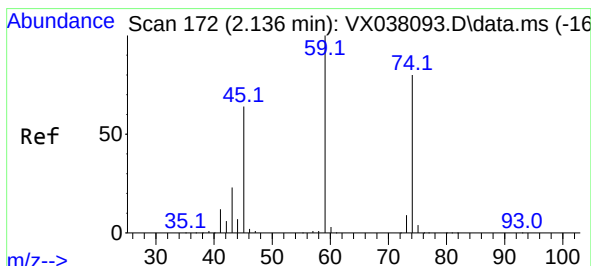
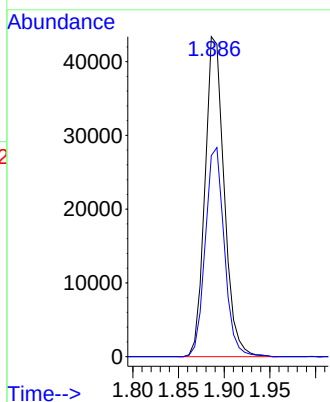
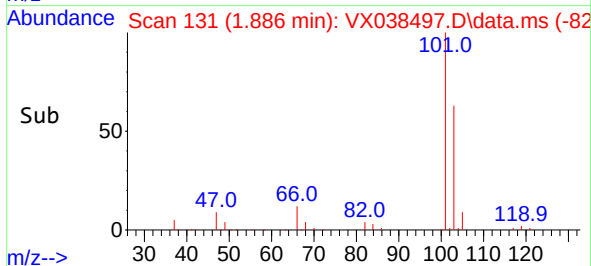
Instrument :
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ClientSampleId :
VX1025WBSD02



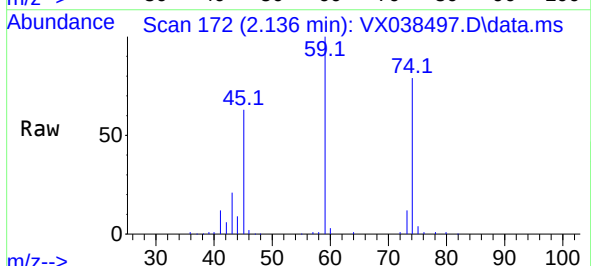
Tgt Ion:101 Resp: 63230
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

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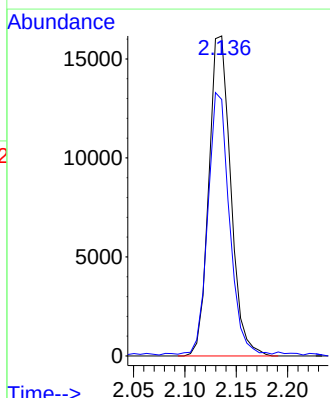
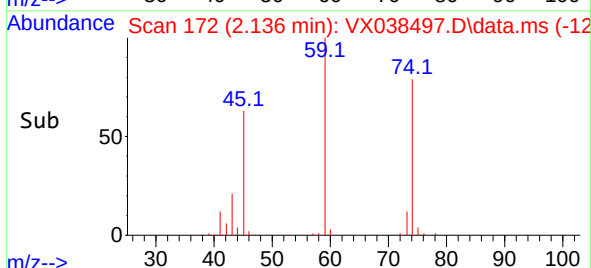
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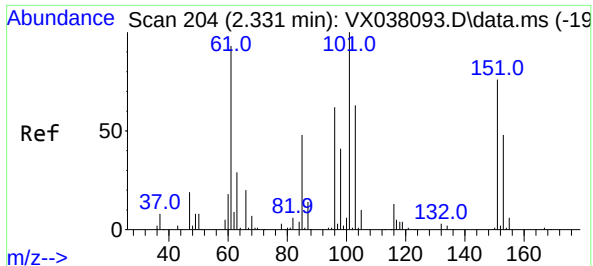


#8
Diethyl Ether
Concen: 18.700 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Acq: 26 Oct 2023 04:39



Tgt Ion: 74 Resp: 23974
Ion Ratio Lower Upper
74 100
45 81.0 53.3 159.8





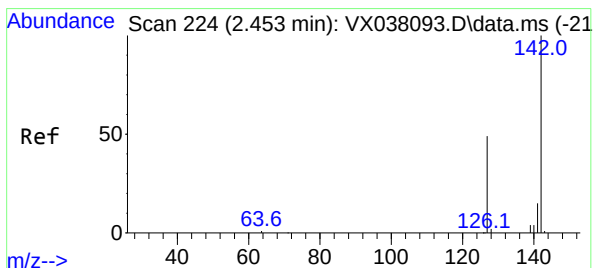
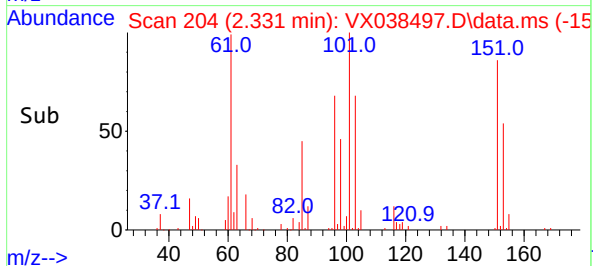
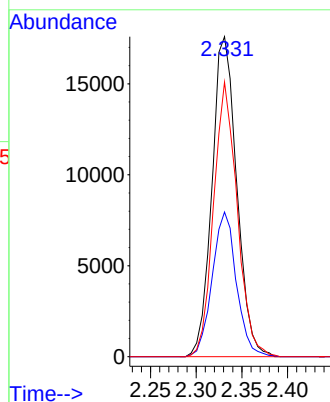
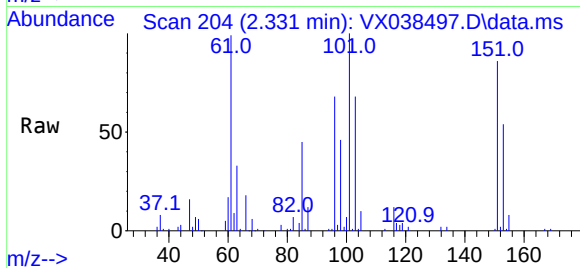
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.110 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion:101 Resp: 33180
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.6
151 81.8 58.6 87.8

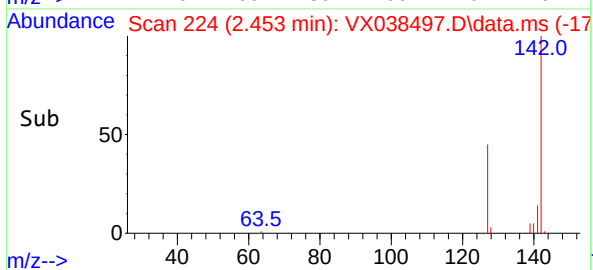
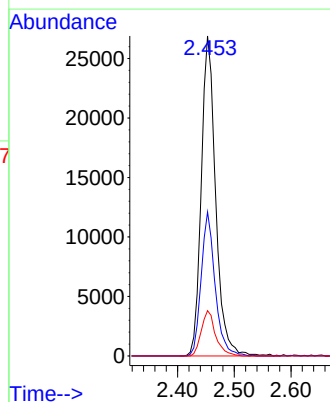
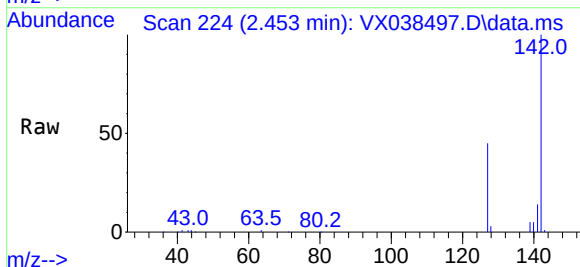
Manual Integrations
APPROVED

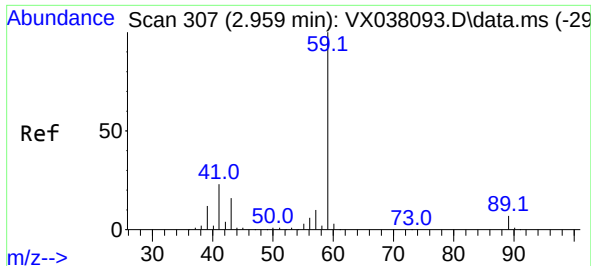
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
Methyl Iodide
Concen: 21.966 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

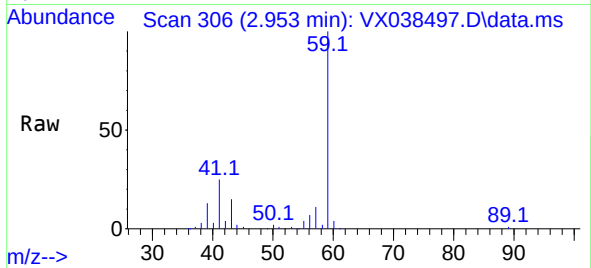
Tgt Ion:142 Resp: 47430
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 89.215 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

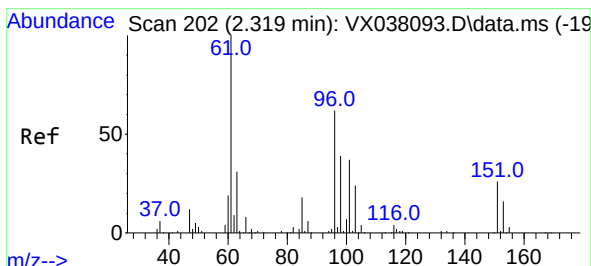
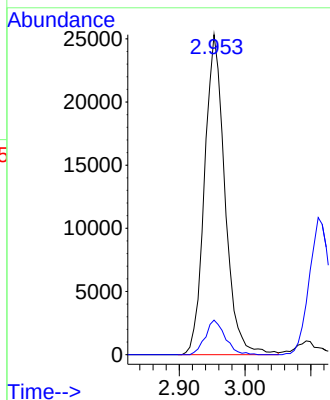
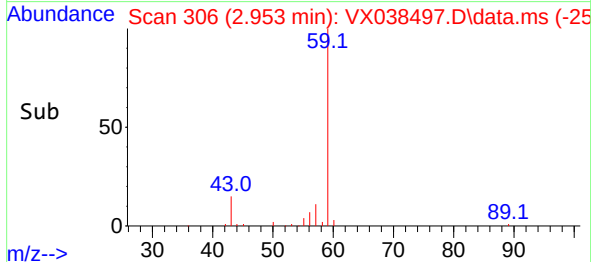
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



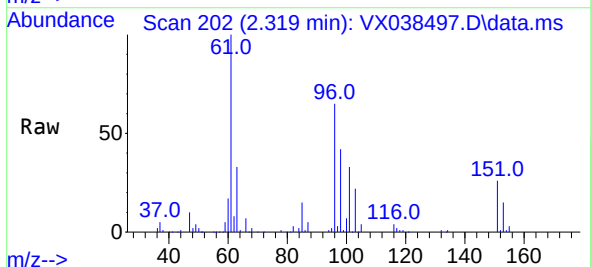
Tgt Ion: 59 Resp: 5458
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

Manual Integrations
APPROVED

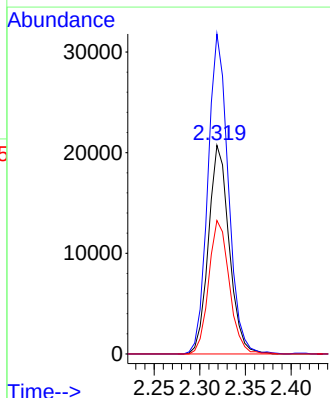
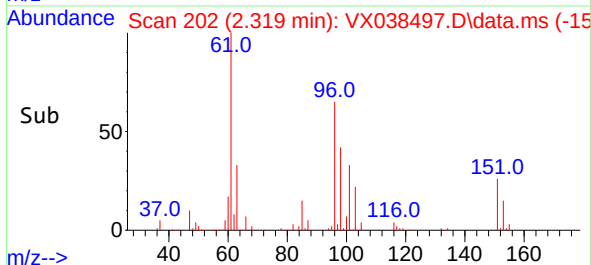
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

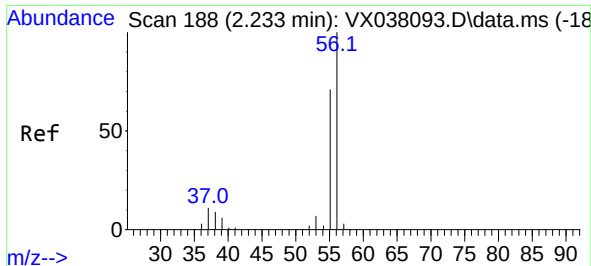


#12
1,1-Dichloroethene
Concen: 22.323 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



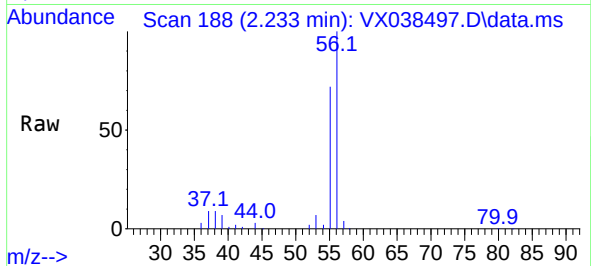
Tgt Ion: 96 Resp: 32587
Ion Ratio Lower Upper
96 100
61 153.3 144.6 216.8
98 63.9 50.4 75.6





#13
Acrolein
Concen: 98.647 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

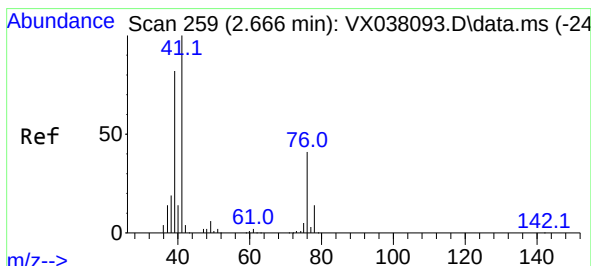
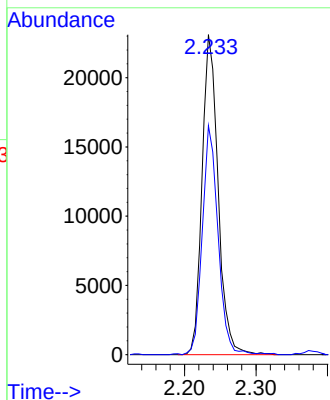
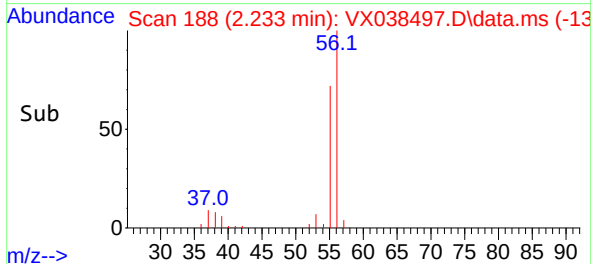
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



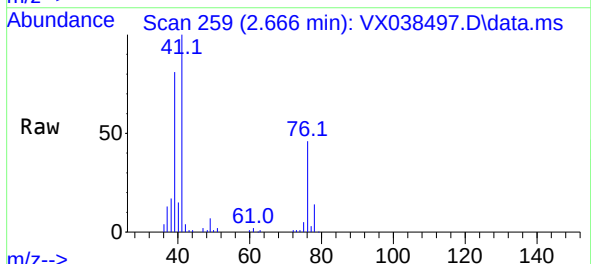
Tgt Ion: 56 Resp: 35989
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

Manual Integrations
APPROVED

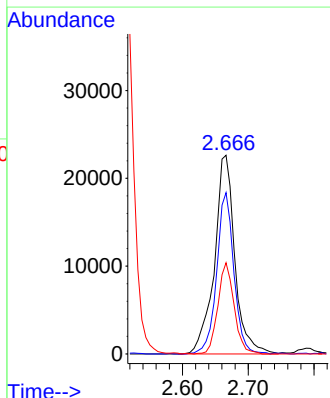
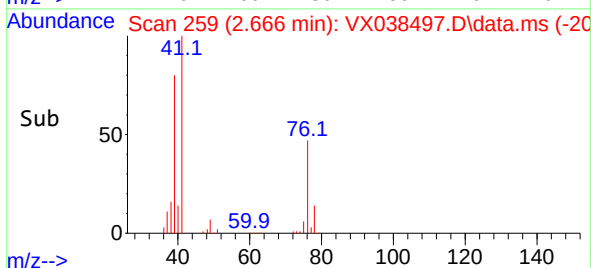
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

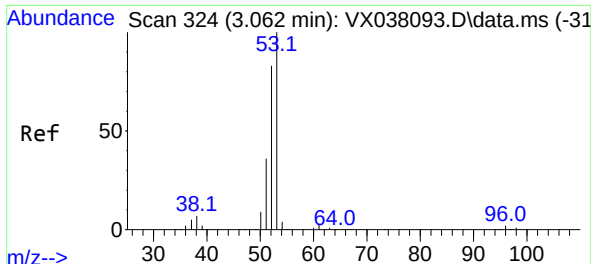


#14
Allyl chloride
Concen: 18.764 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



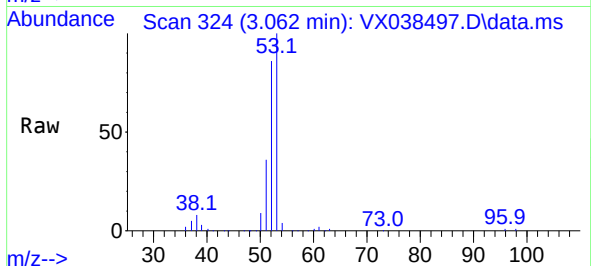
Tgt Ion: 41 Resp: 48994
Ion Ratio Lower Upper
41 100
39 68.3 55.8 83.6
76 36.5 24.3 36.5





#15
Acrylonitrile
Concen: 103.870 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

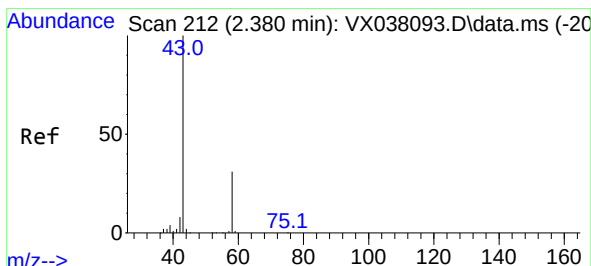
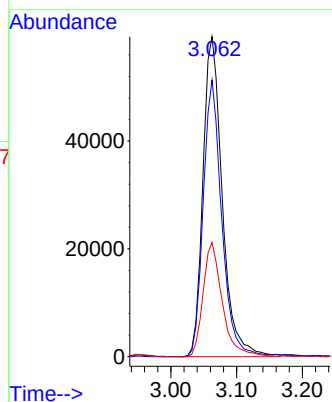
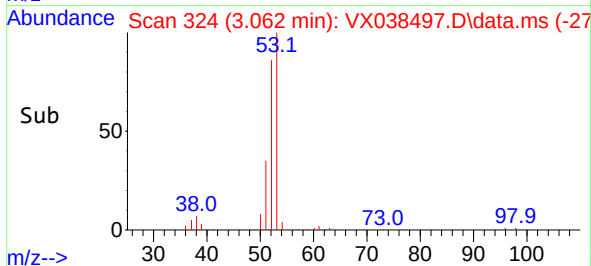
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



Tgt Ion: 53 Resp: 121300
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 35.5 29.8 44.6

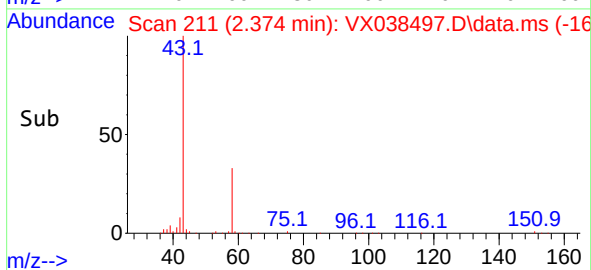
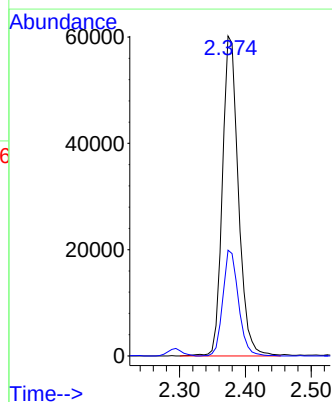
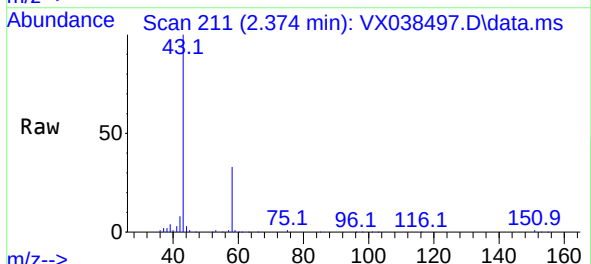
Manual Integrations
APPROVED

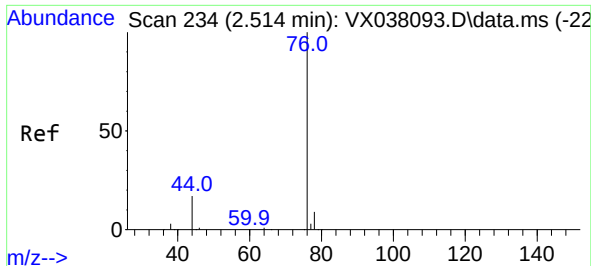
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
Acetone
Concen: 95.174 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion: 43 Resp: 101935
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9





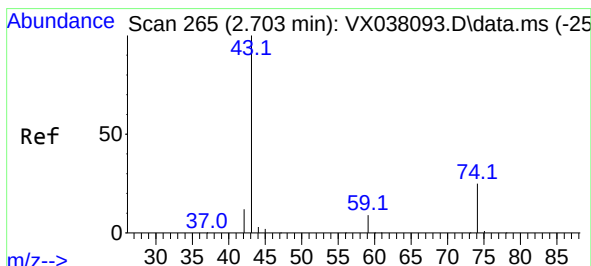
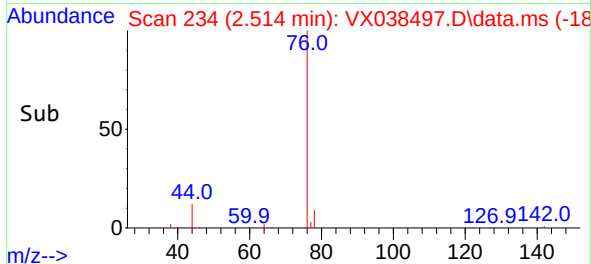
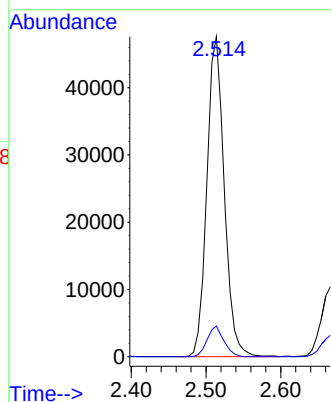
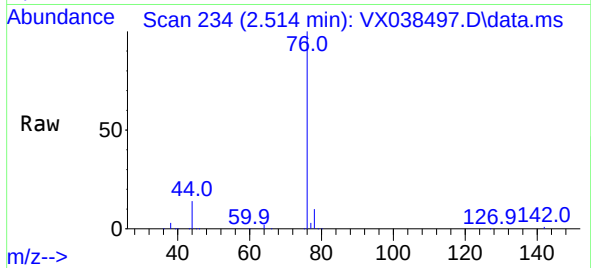
#17
Carbon Disulfide
Concen: 18.233 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion: 76 Resp: 76711
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

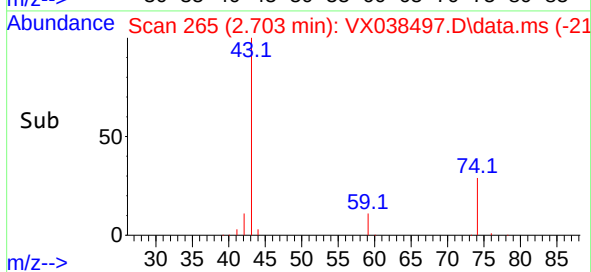
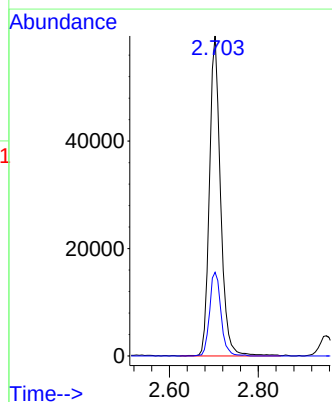
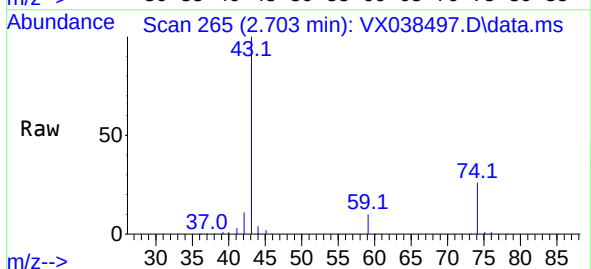
Manual Integrations
APPROVED

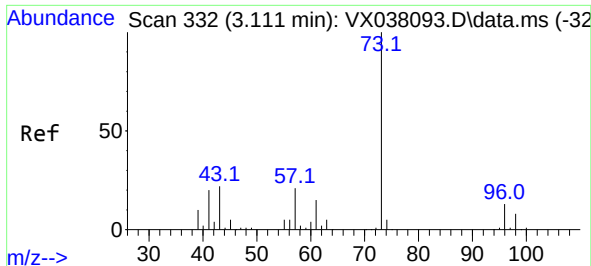
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#18
Methyl Acetate
Concen: 22.606 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

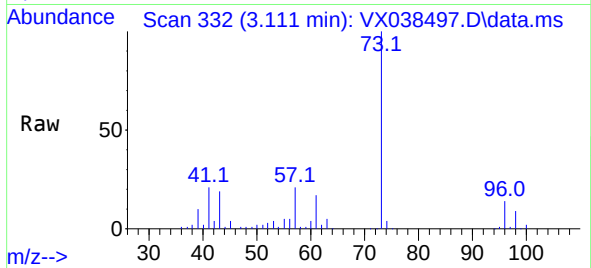
Tgt Ion: 43 Resp: 103830
Ion Ratio Lower Upper
43 100
74 26.8 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 20.826 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

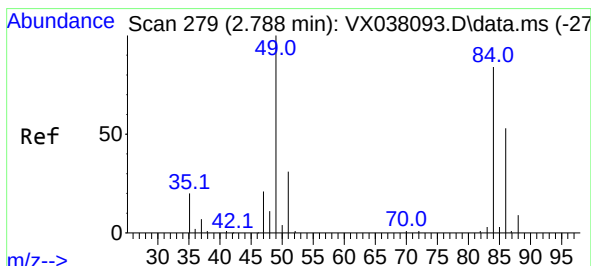
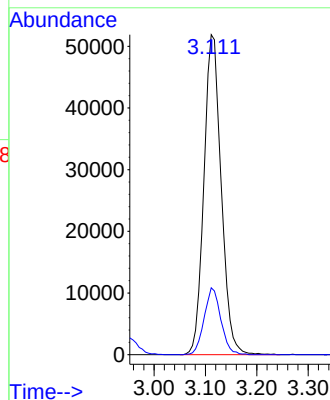
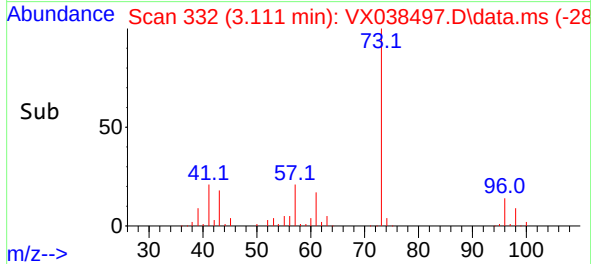
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



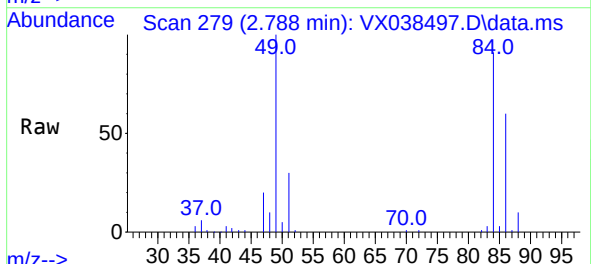
Tgt Ion: 73 Resp: 12107
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

Manual Integrations
APPROVED

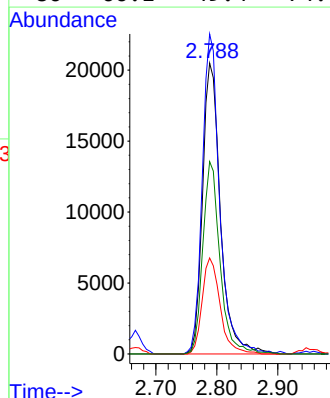
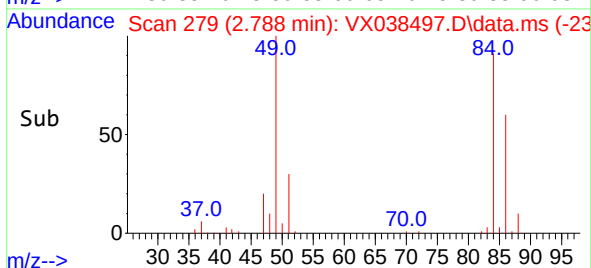
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

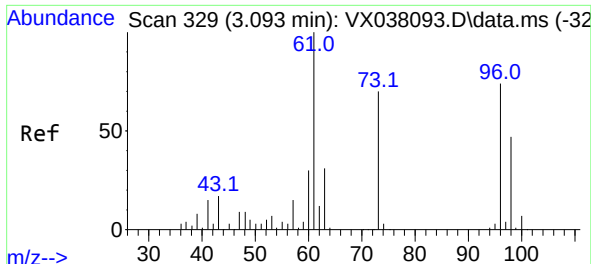


#20
Methylene Chloride
Concen: 20.791 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



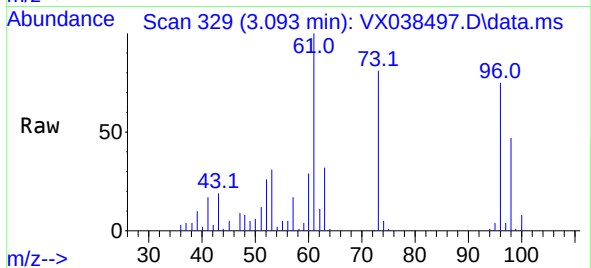
Tgt Ion: 84 Resp: 41886
Ion Ratio Lower Upper
84 100
49 110.0 103.6 155.4
51 33.0 33.8 50.6#
86 66.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.132 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

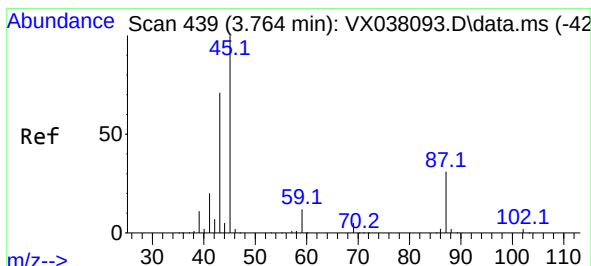
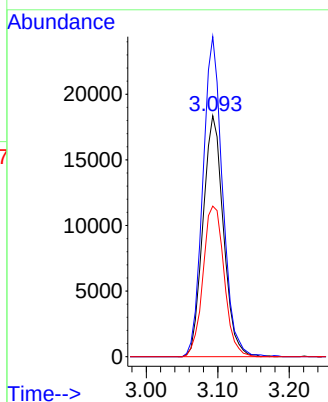
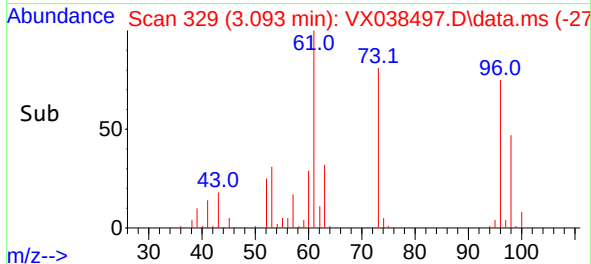
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



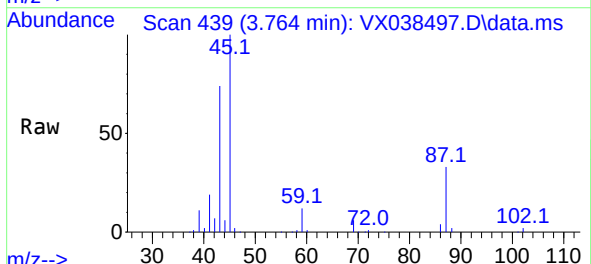
Tgt Ion: 96 Resp: 3638
Ion Ratio Lower Upper
96 100
61 132.8 119.2 178.8
98 62.5 48.7 73.1

Manual Integrations
APPROVED

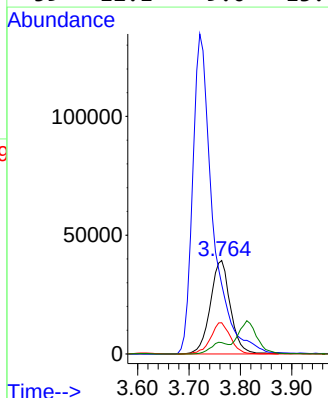
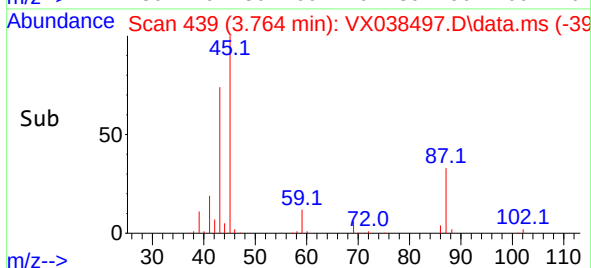
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

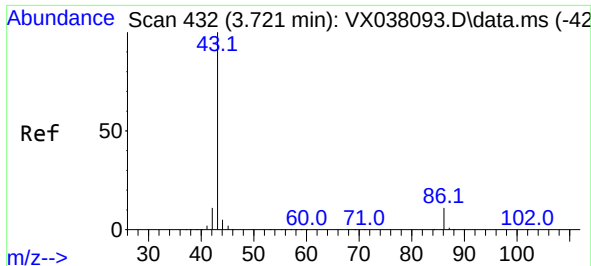


#22
Diisopropyl ether
Concen: 19.471 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



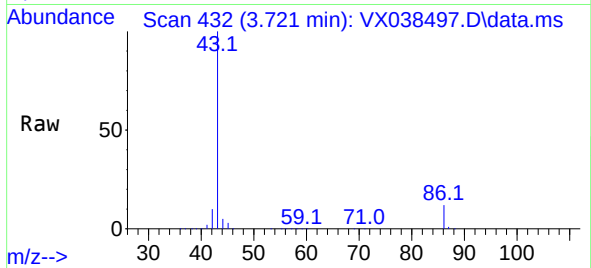
Tgt Ion: 45 Resp: 106549
Ion Ratio Lower Upper
45 100
43 73.6 69.7 104.5
87 33.4 20.8 31.2#
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 92.159 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038497.D
 Acq: 26 Oct 2023 04:39

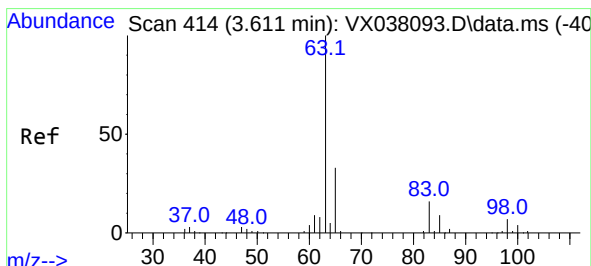
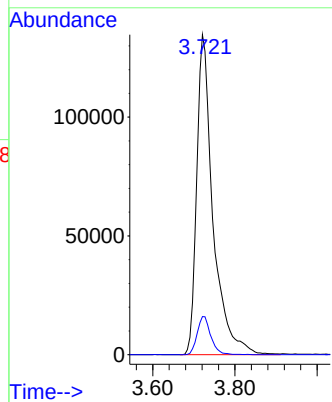
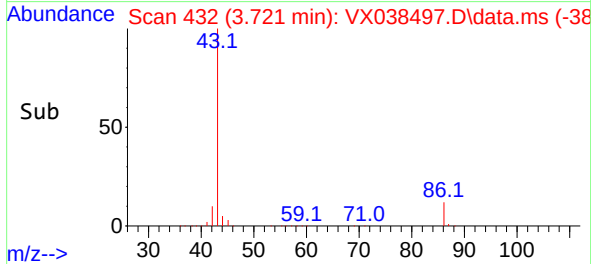
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD02



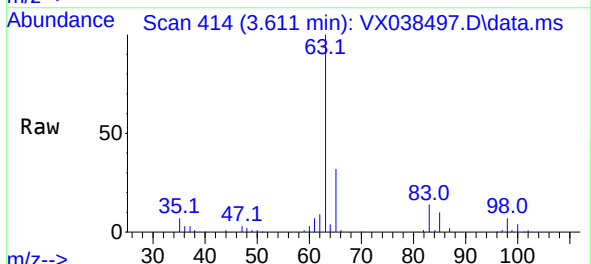
Tgt Ion: 43 Resp: 369845
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8

Manual Integrations
 APPROVED

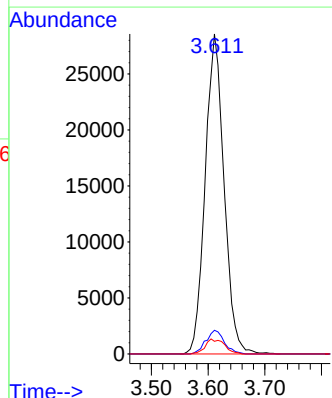
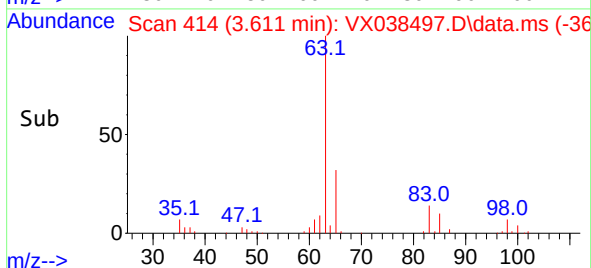
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

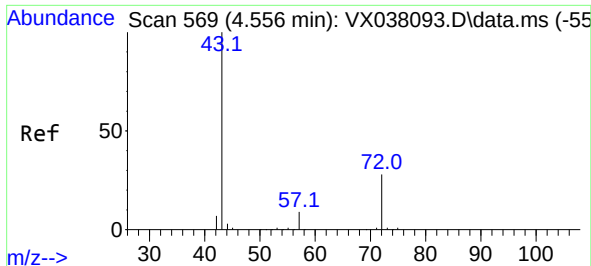


#24
 1,1-Dichloroethane
 Concen: 19.866 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038497.D
 Acq: 26 Oct 2023 04:39



Tgt Ion: 63 Resp: 65976
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 3.9 2.1 6.5





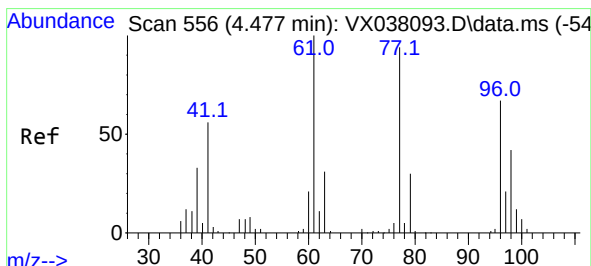
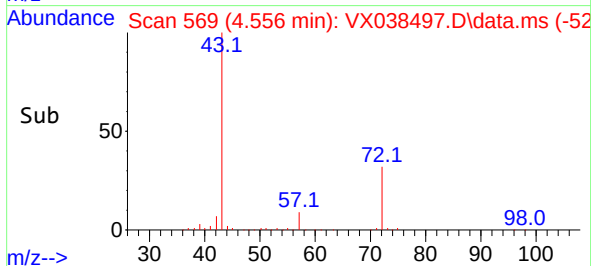
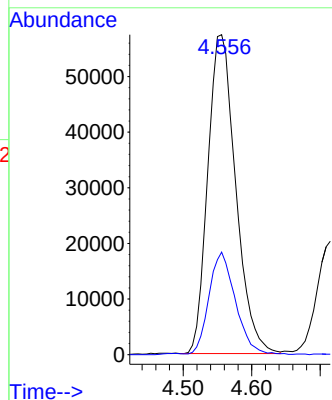
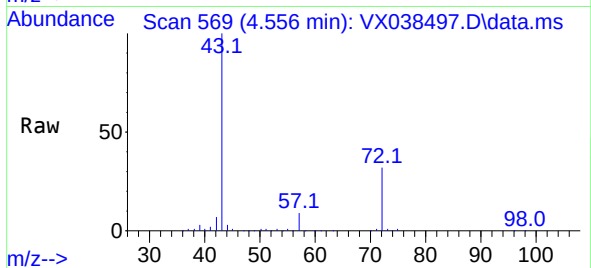
#25
2-Butanone
Concen: 93.940 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion: 43 Resp: 16233
Ion Ratio Lower Upper
43 100
72 31.9 19.4 29.2

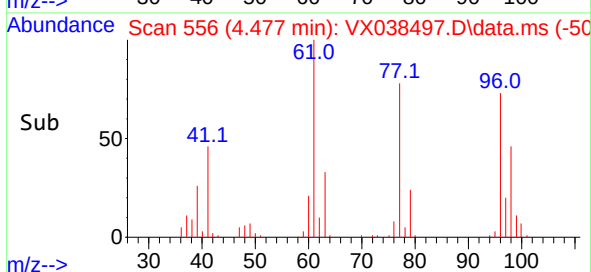
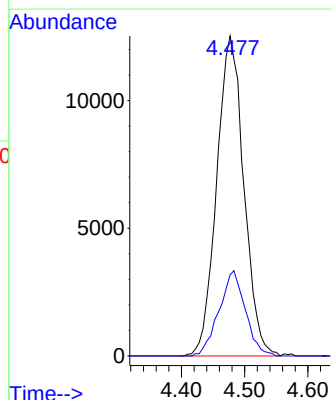
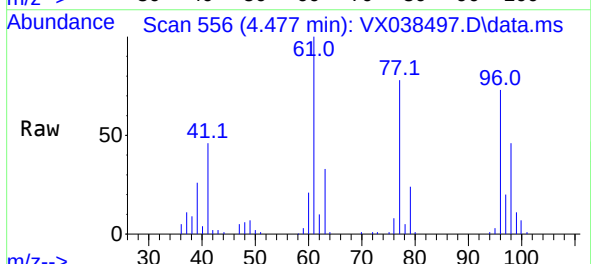
Manual Integrations
APPROVED

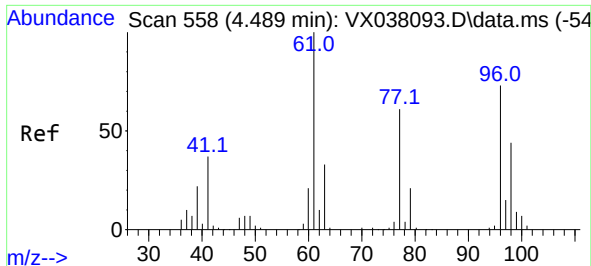
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#26
2,2-Dichloropropane
Concen: 14.376 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

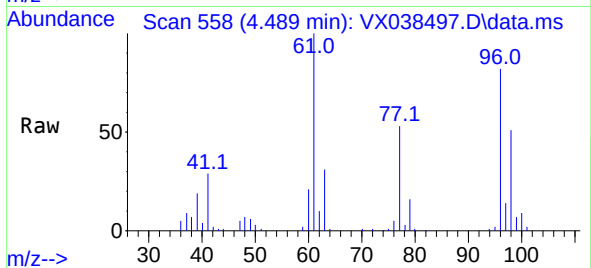
Tgt Ion: 77 Resp: 37276
Ion Ratio Lower Upper
77 100
97 25.8 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 21.142 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

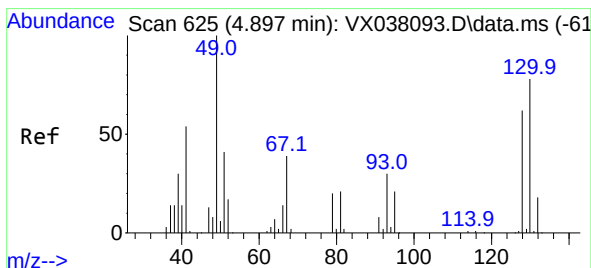
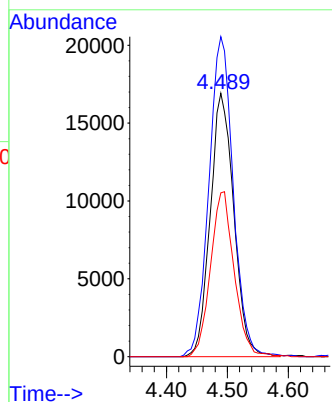
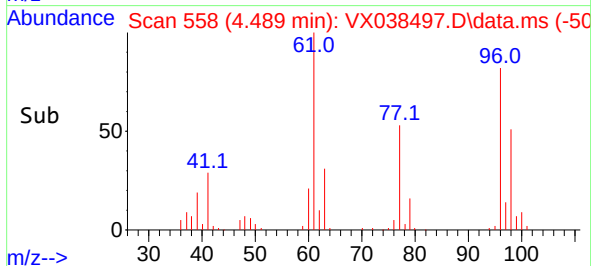
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



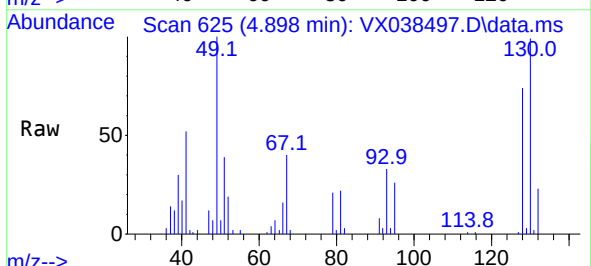
Tgt Ion: 96 Resp: 45509
Ion Ratio Lower Upper
96 100
61 125.3 0.0 312.2
98 63.0 0.0 129.0

Manual Integrations
APPROVED

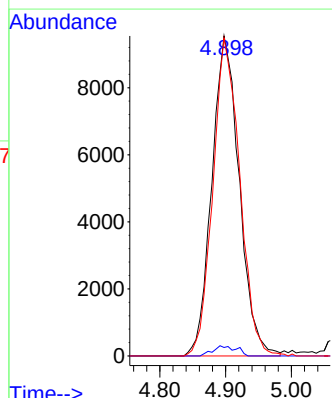
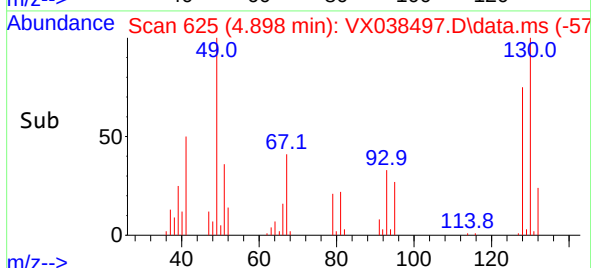
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

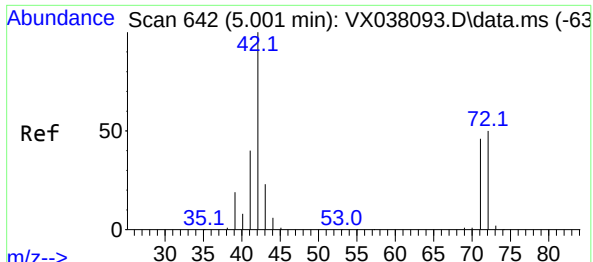


#28
Bromochloromethane
Concen: 18.469 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.001 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



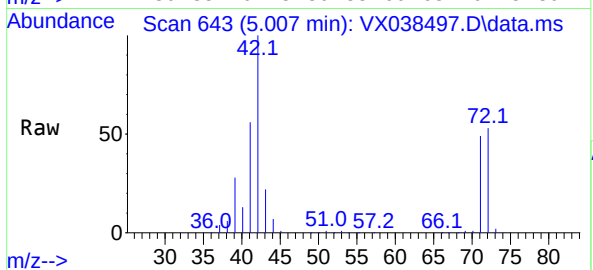
Tgt Ion: 49 Resp: 27689
Ion Ratio Lower Upper
49 100
129 2.7 0.0 3.8
130 97.5 57.5 86.3#





#29
Tetrahydrofuran
Concen: 93.010 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

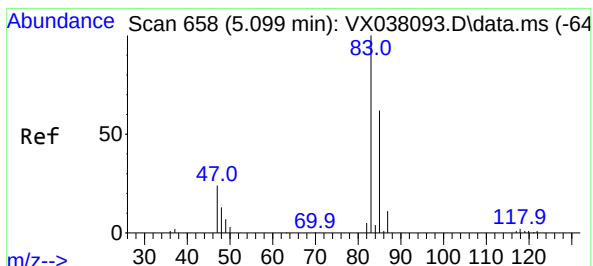
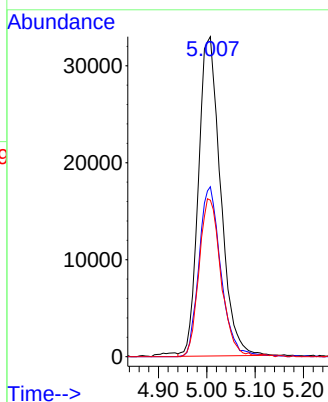
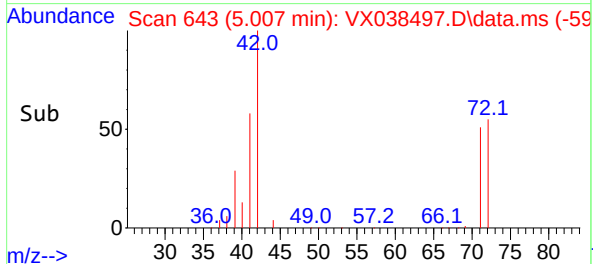
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



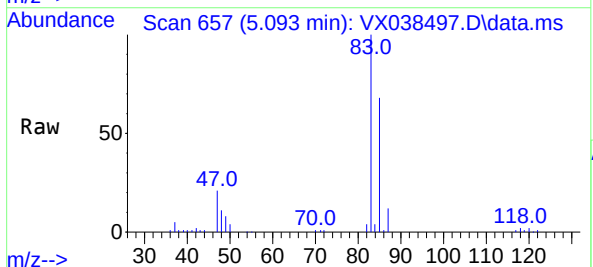
Tgt Ion: 42 Resp: 104649
Ion Ratio Lower Upper
42 100
72 52.9 34.2 51.4
71 48.9 32.2 48.2

Manual Integrations
APPROVED

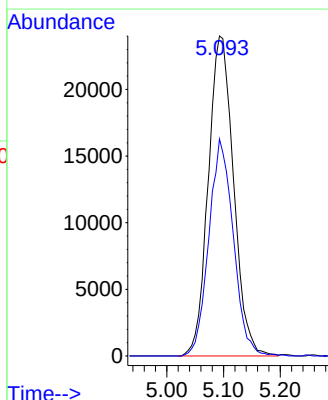
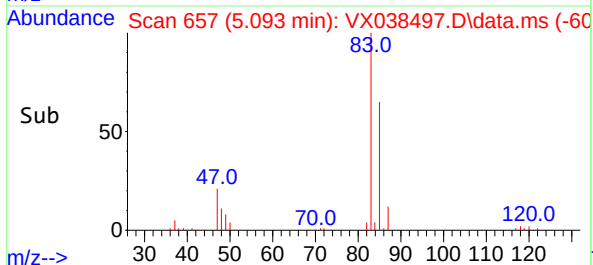
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

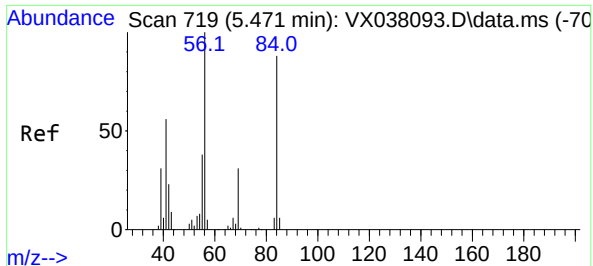


#30
Chloroform
Concen: 20.500 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



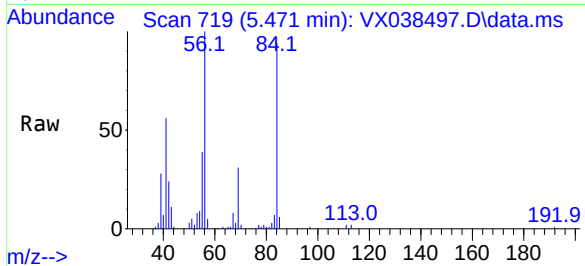
Tgt Ion: 83 Resp: 74449
Ion Ratio Lower Upper
83 100
85 67.8 50.3 75.5





#31
Cyclohexane
Concen: 17.066 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

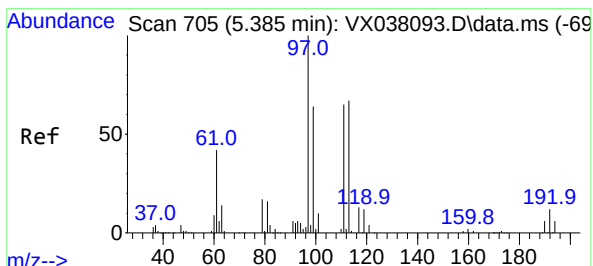
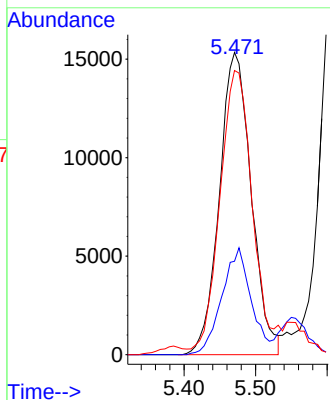
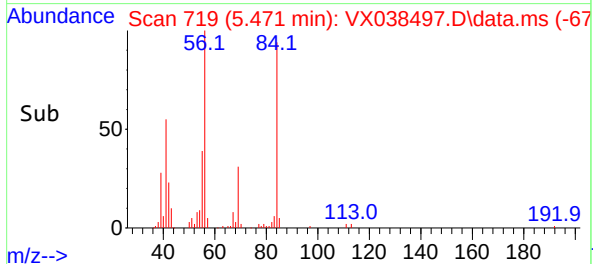
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



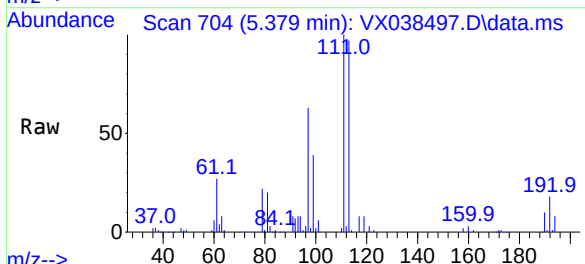
Tgt Ion: 56 Resp: 47449
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 91.6 65.9 98.9

Manual Integrations
APPROVED

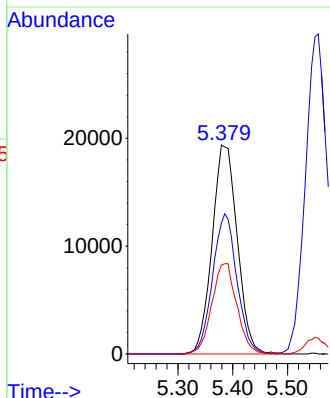
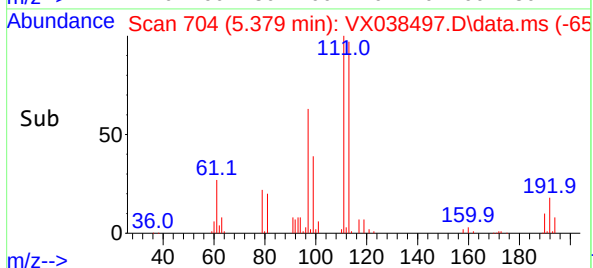
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

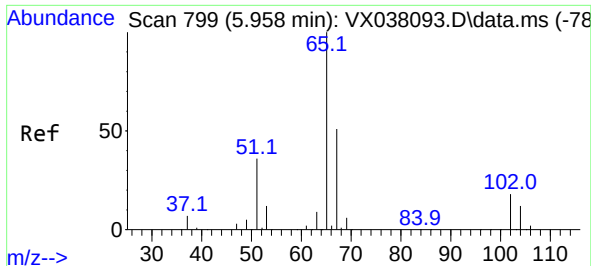


#32
1,1,1-Trichloroethane
Concen: 19.862 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



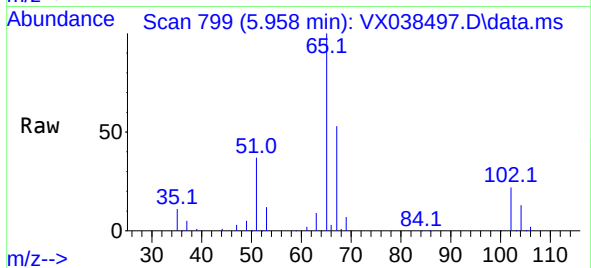
Tgt Ion: 97 Resp: 61782
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 42.9 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 41.525 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

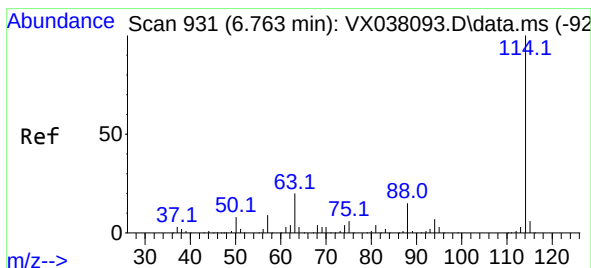
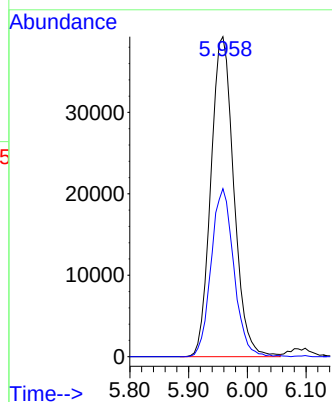
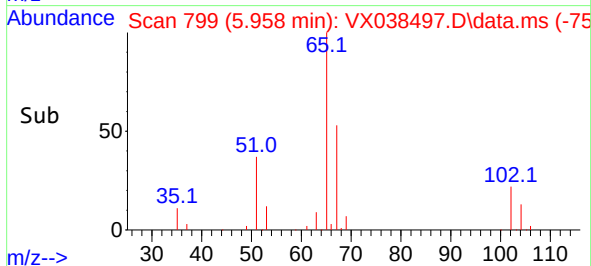
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



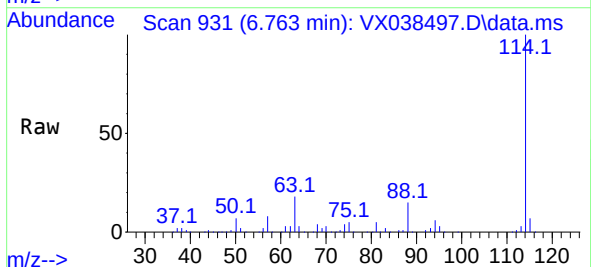
Tgt Ion: 65 Resp: 10656
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

Manual Integrations
APPROVED

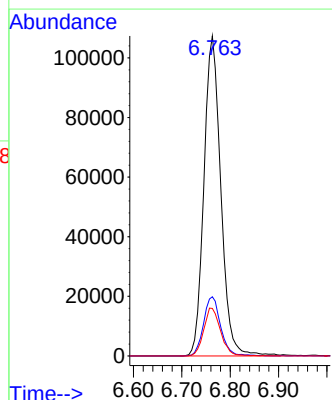
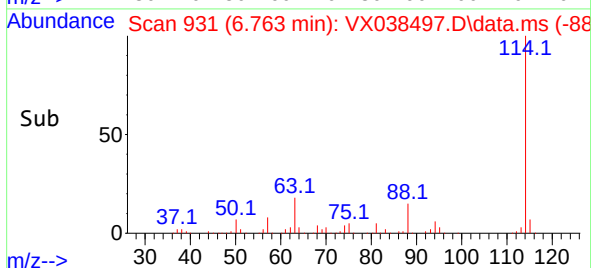
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

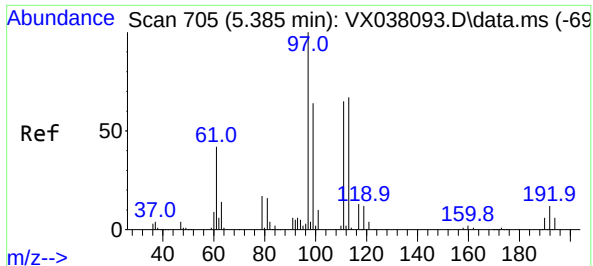


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



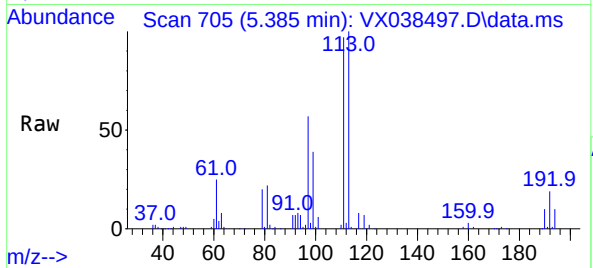
Tgt Ion:114 Resp: 260894
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

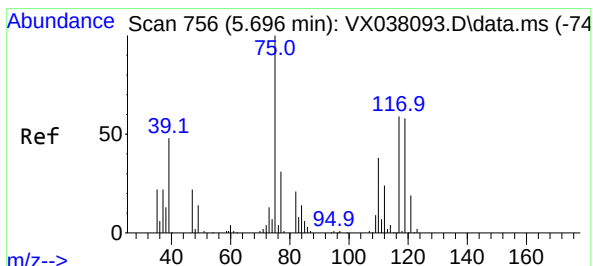
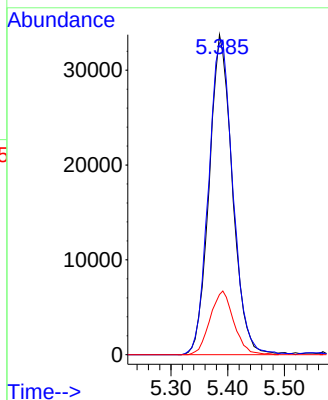
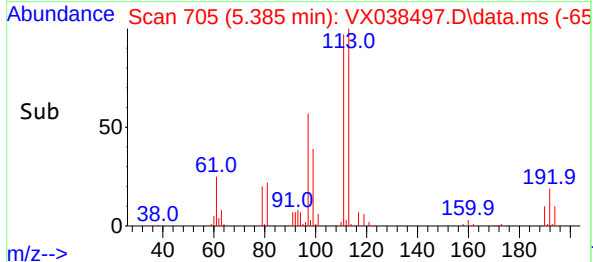
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



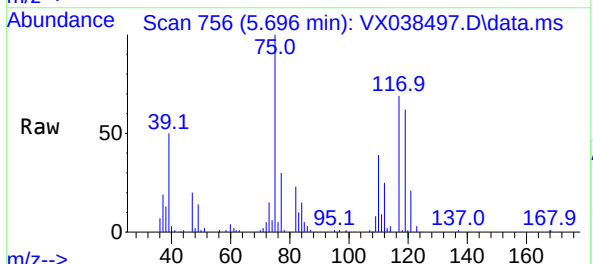
Tgt Ion:113 Resp: 9588
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 20.3 13.3 19.9

Manual Integrations
APPROVED

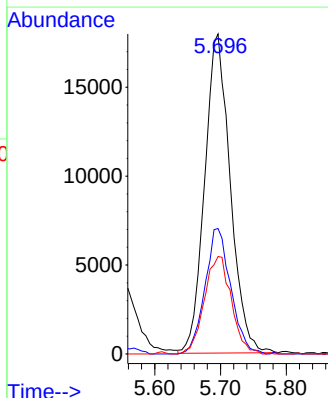
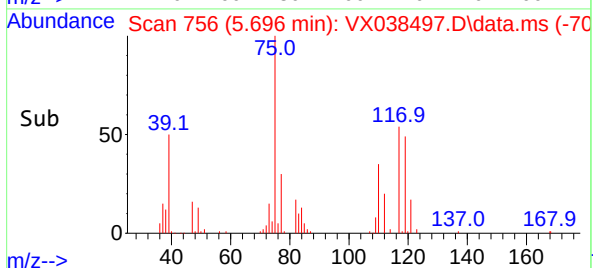
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

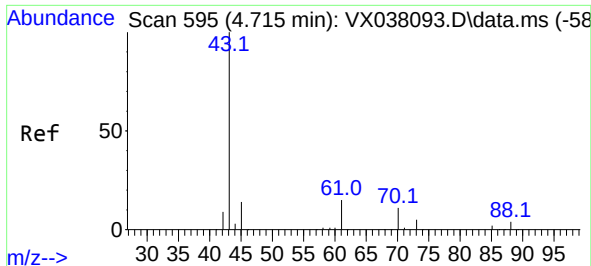


#36
1,1-Dichloropropene
Concen: 18.760 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



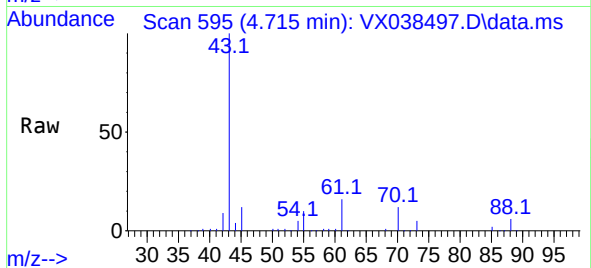
Tgt Ion: 75 Resp: 48632
Ion Ratio Lower Upper
75 100
110 39.4 17.0 50.9
77 32.1 24.7 37.1





#37
Ethyl Acetate
Concen: 18.720 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

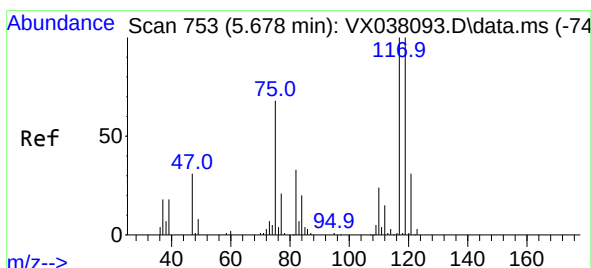
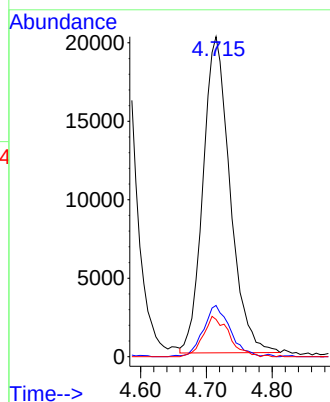
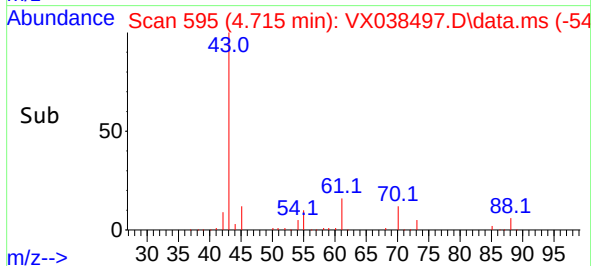
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



Tgt Ion: 43 Resp: 57630
Ion Ratio Lower Upper
43 100
61 16.1 10.6 16.0
70 12.3 8.3 12.5

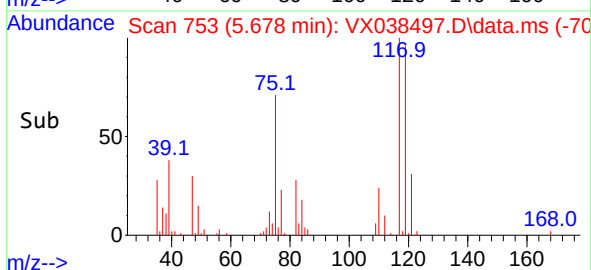
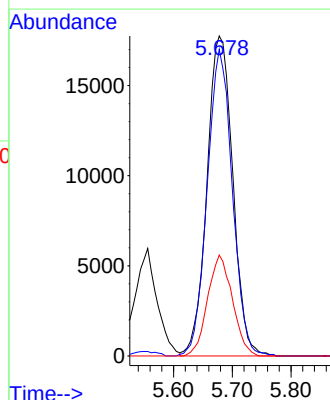
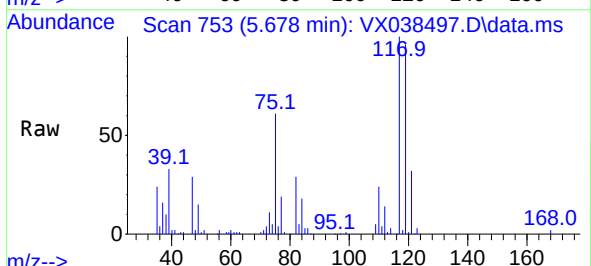
Manual Integrations
APPROVED

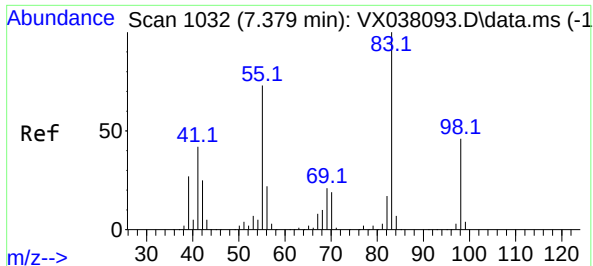
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#38
Carbon Tetrachloride
Concen: 21.263 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion:117 Resp: 54224
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.2
121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 17.623 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 83 Resp: 5351

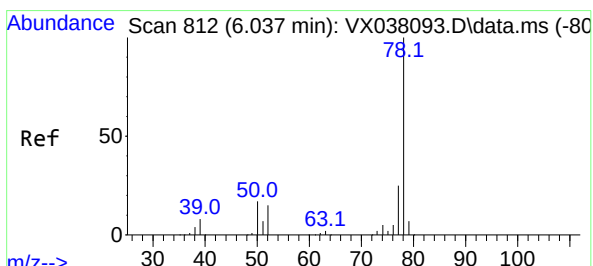
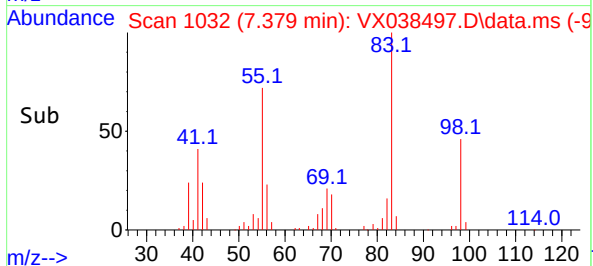
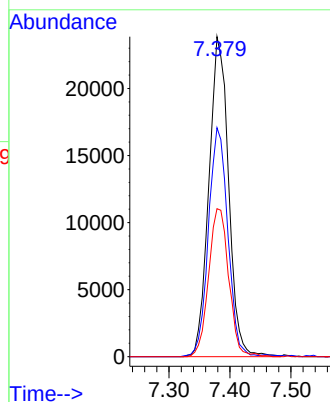
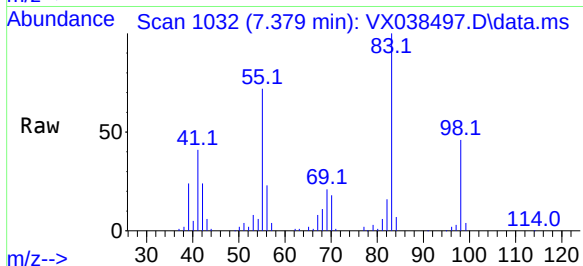
Ion	Ratio	Lower	Upper
83	100		
55	71.6	64.6	97.0
98	46.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#40

Benzene

Concen: 20.994 ug/l

RT: 6.038 min Scan# 812

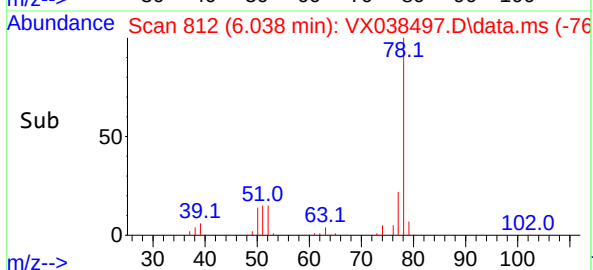
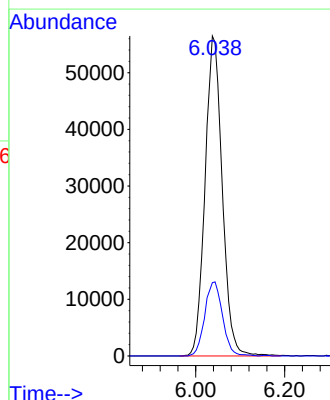
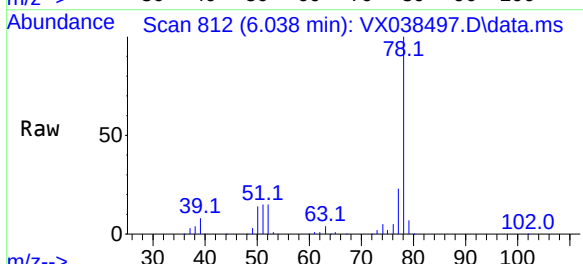
Delta R.T. -0.000 min

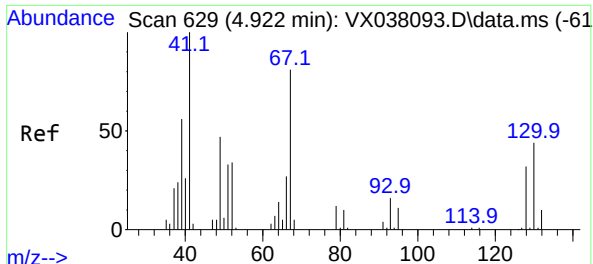
Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Tgt Ion: 78 Resp: 152225

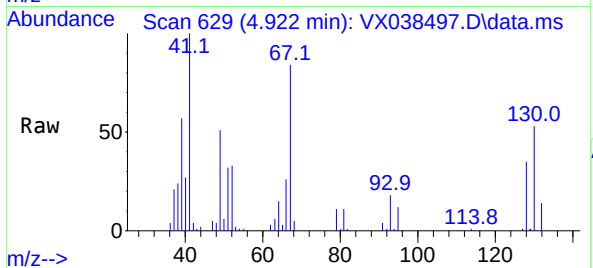
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 19.637 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

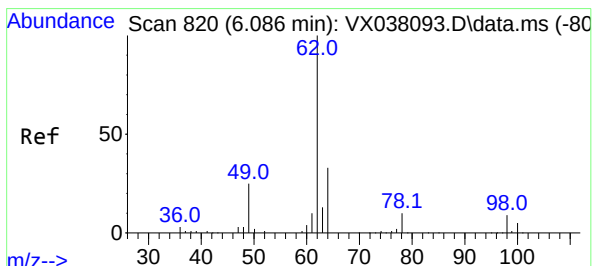
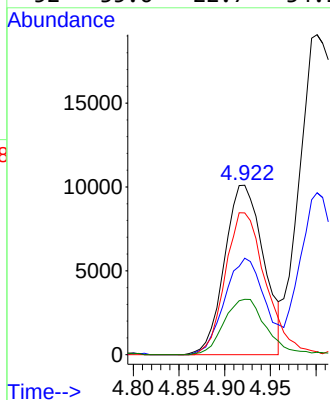
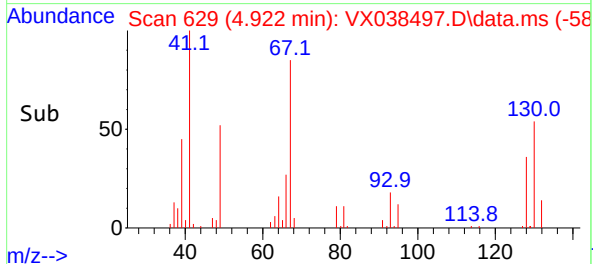


Tgt Ion: 41 Resp: 30070

Ion	Ratio	Lower	Upper
41	100		
39	60.0	45.2	67.8
67	86.9	52.6	78.8
52	35.6	22.7	34.1

Manual Integrations
APPROVED

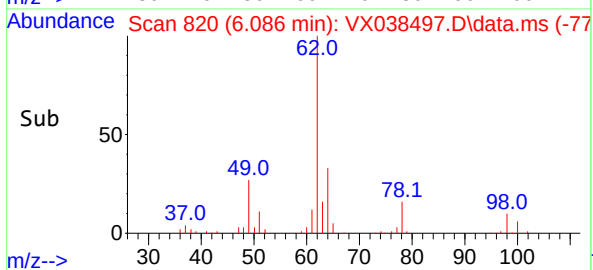
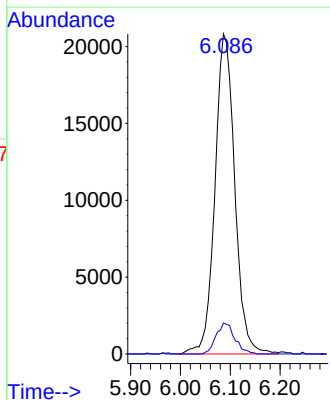
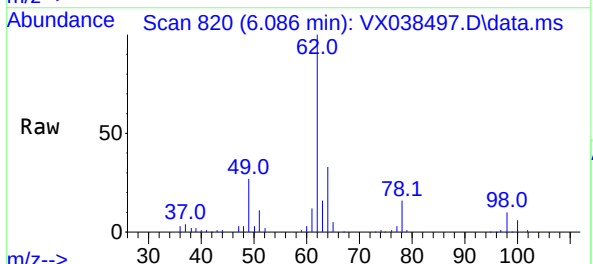
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

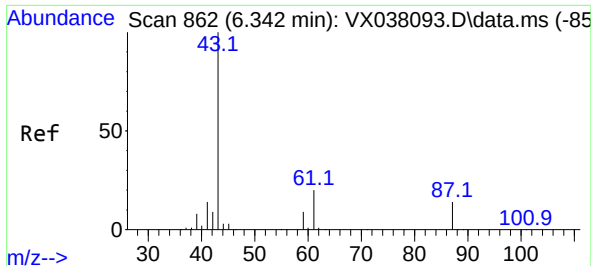


#42
1,2-Dichloroethane
Concen: 19.836 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion: 62 Resp: 57462

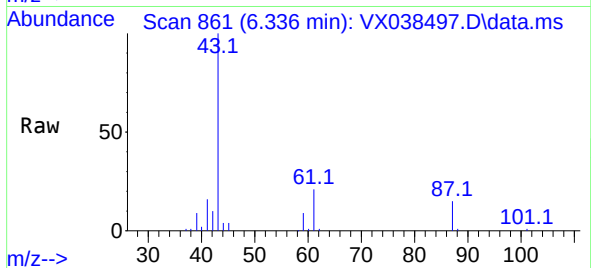
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0





#43
Isopropyl Acetate
Concen: 19.419 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

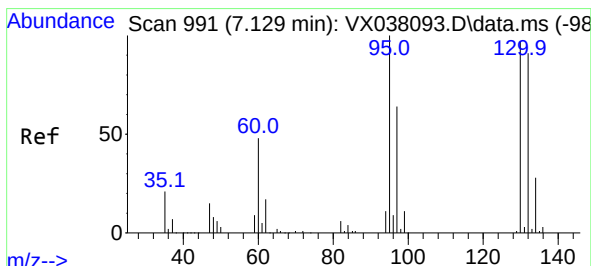
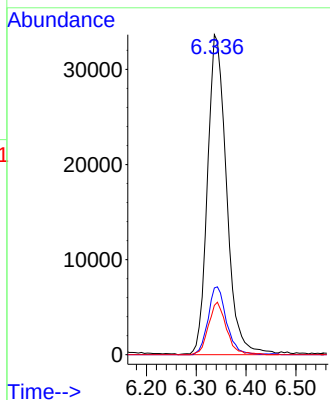
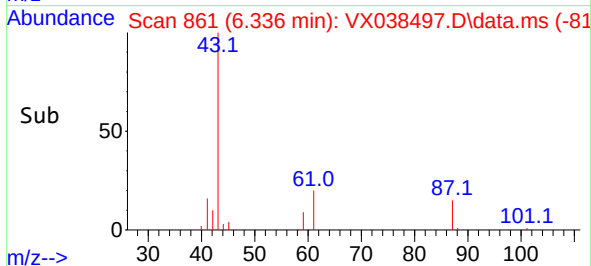
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



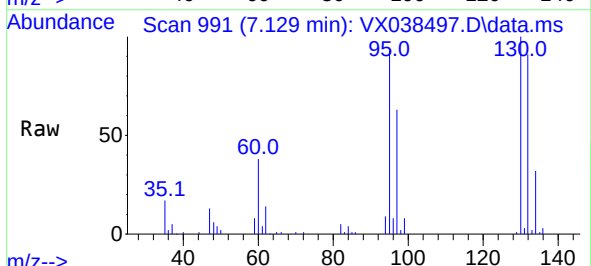
Tgt Ion: 43 Resp: 8925
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 15.5 9.8 14.6

Manual Integrations
APPROVED

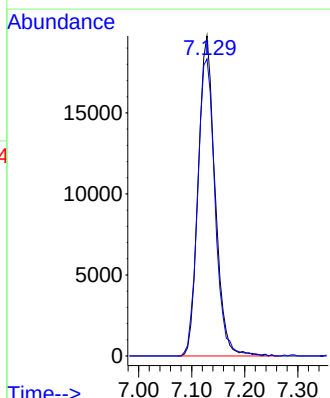
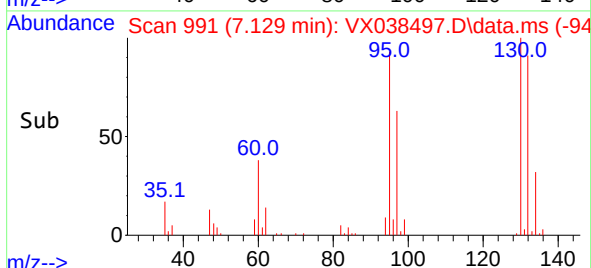
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

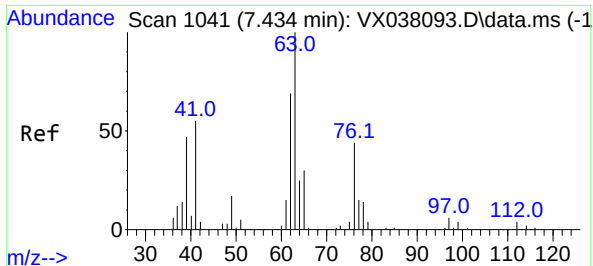


#44
Trichloroethene
Concen: 23.002 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



Tgt Ion:130 Resp: 43621
Ion Ratio Lower Upper
130 100
95 92.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.596 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 63 Resp: 38650

Ion Ratio Lower Upper

63 100

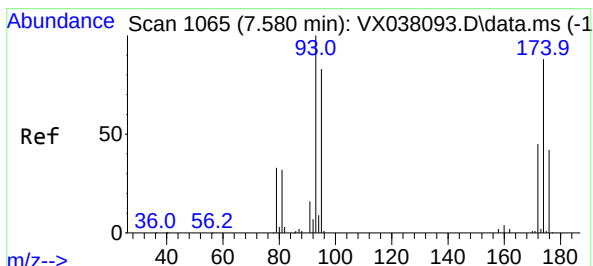
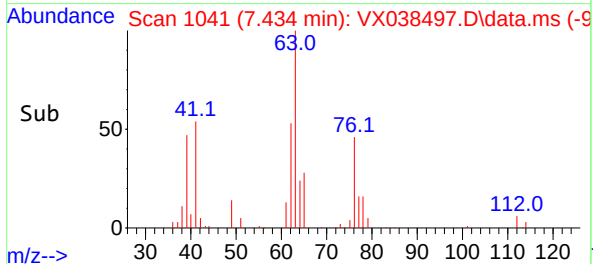
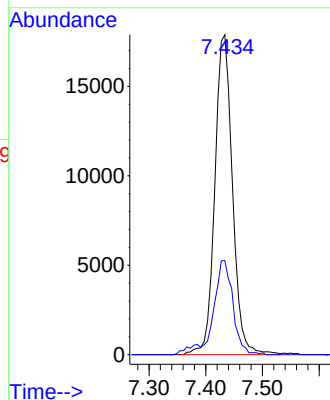
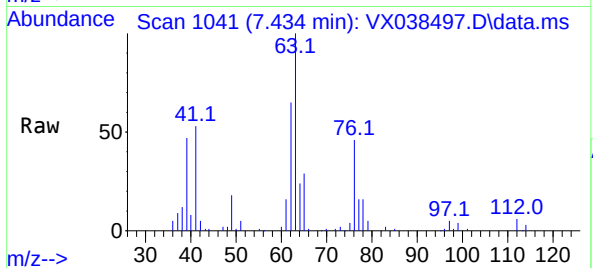
65 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#46

Dibromomethane

Concen: 21.617 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

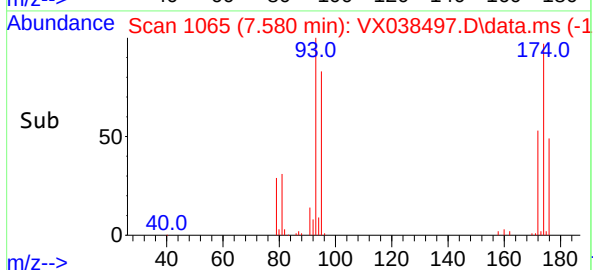
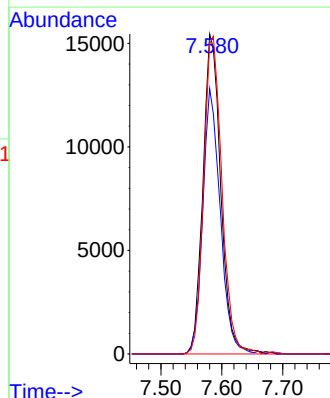
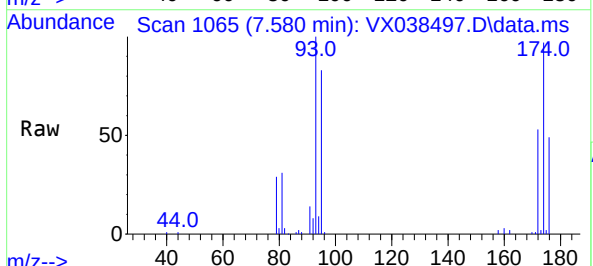
Tgt Ion: 93 Resp: 31463

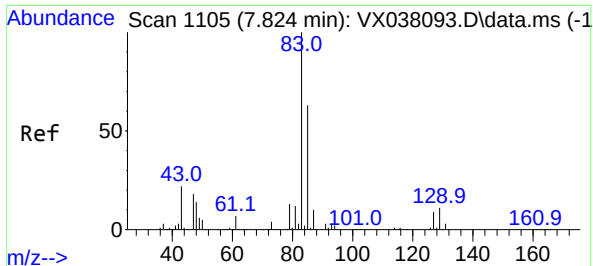
Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

174 100.8 69.4 104.0





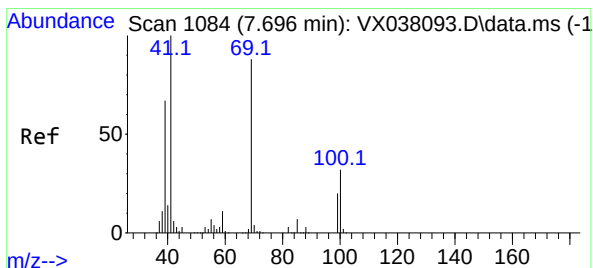
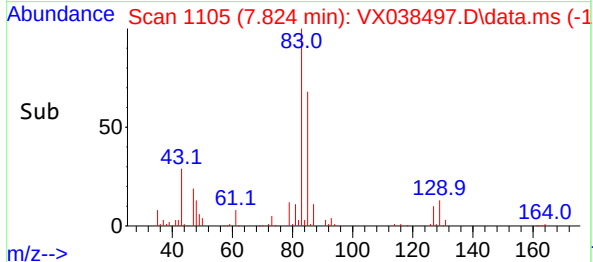
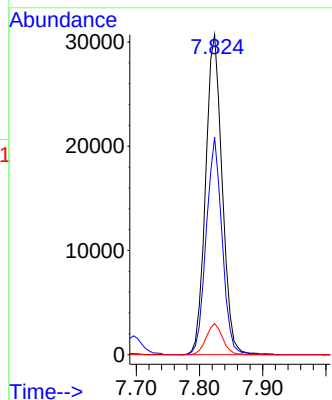
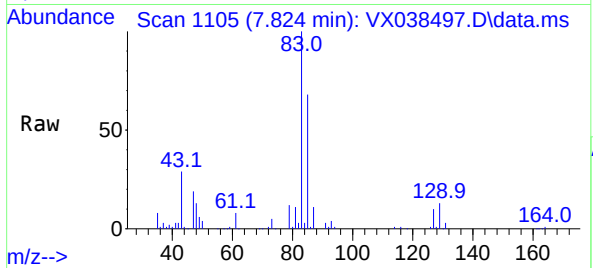
#47
Bromodichloromethane
Concen: 21.587 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion: 83 Resp: 5589
Ion Ratio Lower Upper
83 100
85 67.9 49.8 74.6
127 9.7 7.1 10.7

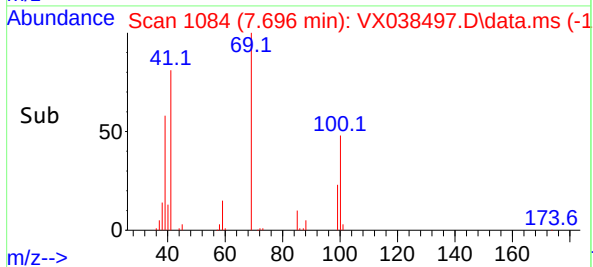
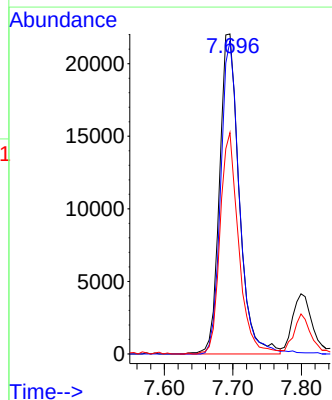
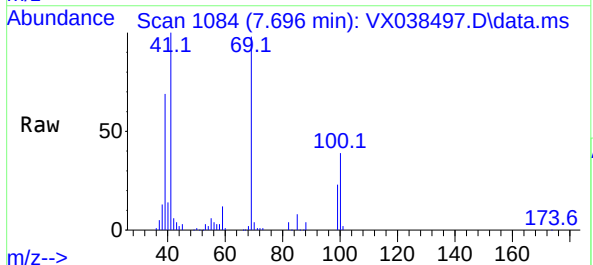
Manual Integrations
APPROVED

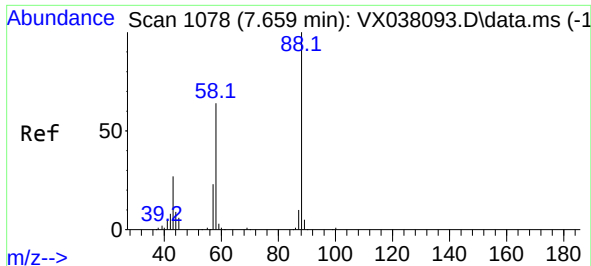
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#48
Methyl methacrylate
Concen: 19.957 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion: 41 Resp: 43788
Ion Ratio Lower Upper
41 100
69 93.5 59.2 88.8
39 65.4 47.7 71.5





#49

1,4-Dioxane

Concen: 349.322 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 88 Resp: 1888

Ion Ratio Lower Upper

88 100

43 29.7 0.0 0.0

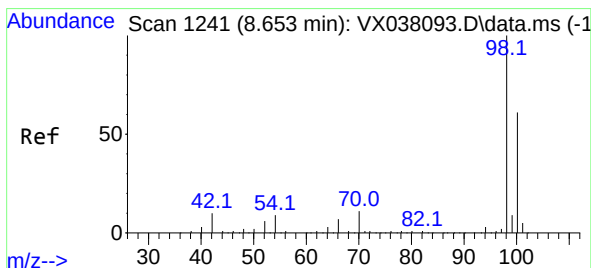
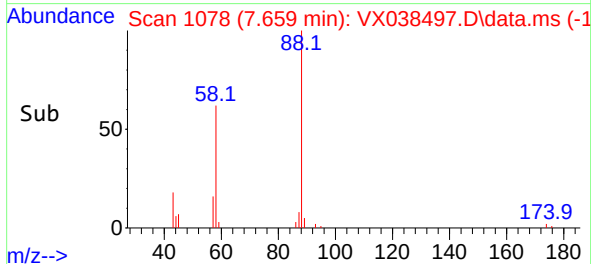
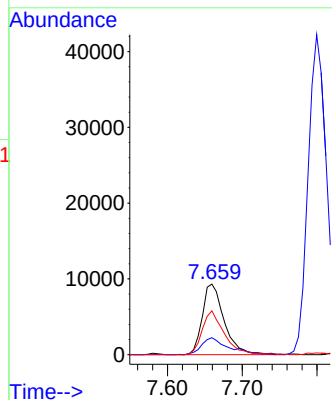
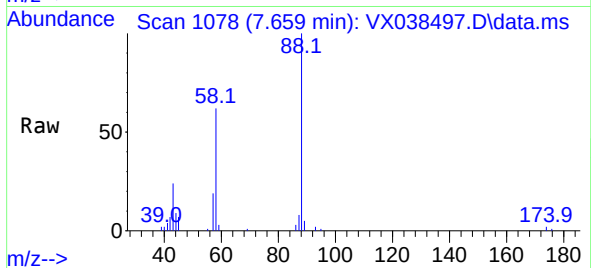
58 62.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#50

Toluene-d8

Concen: 45.029 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038497.D

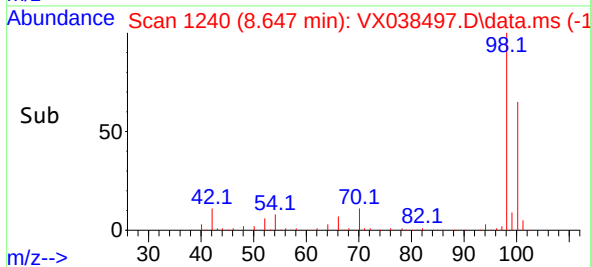
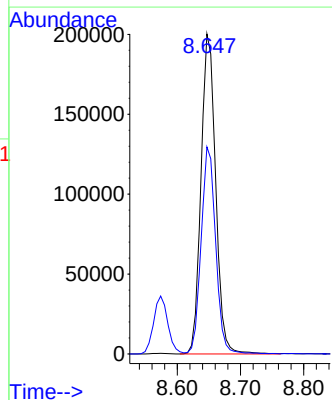
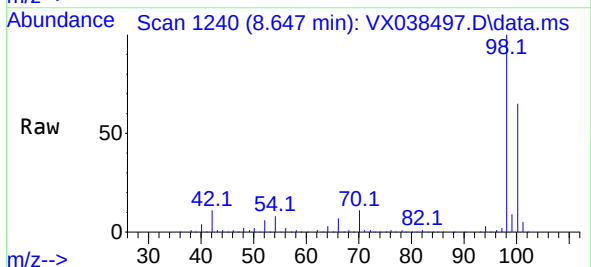
Acq: 26 Oct 2023 04:39

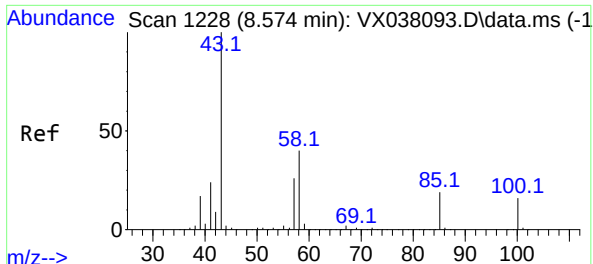
Tgt Ion: 98 Resp: 323471

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 101.133 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

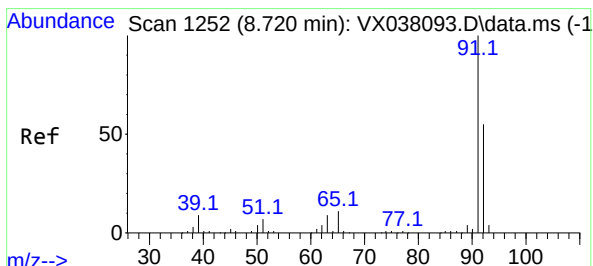
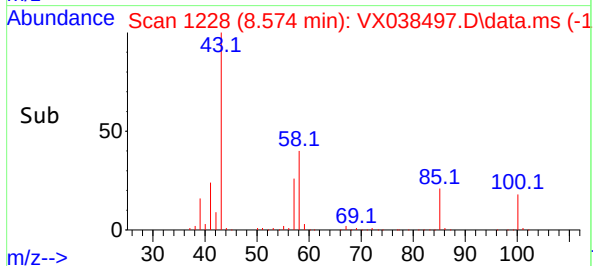
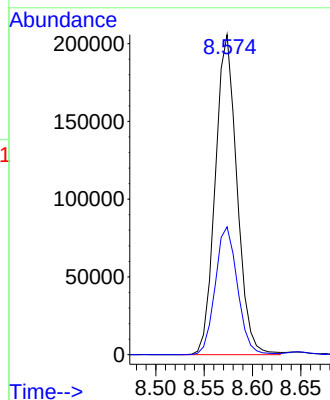
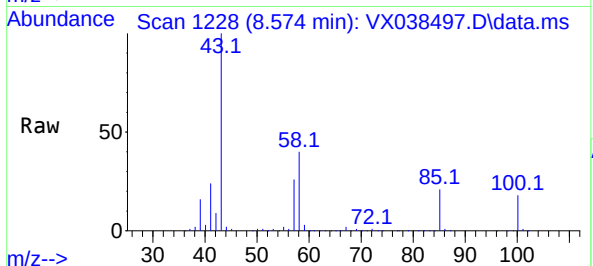
VX1025WBSD02

Tgt Ion: 43 Resp: 32061
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6

Manual Integrations

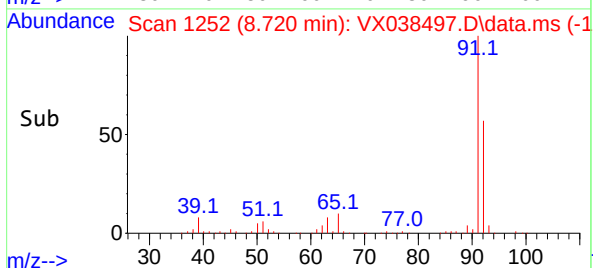
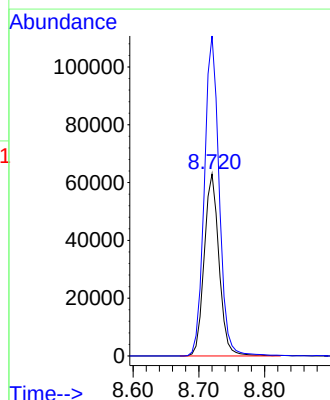
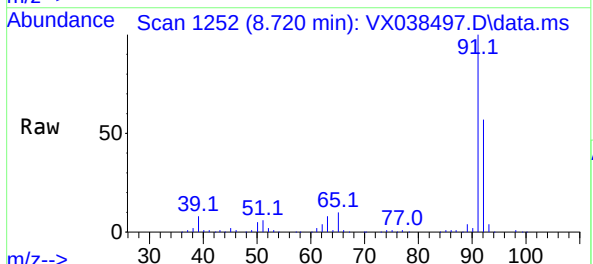
APPROVED

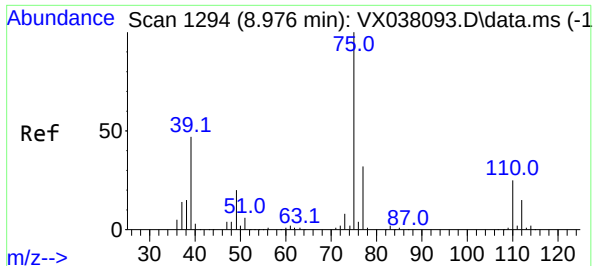
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Toluene
Concen: 20.903 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion: 92 Resp: 98729
Ion Ratio Lower Upper
92 100
91 176.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.906 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 75 Resp: 5254

Ion Ratio Lower Upper

75 100

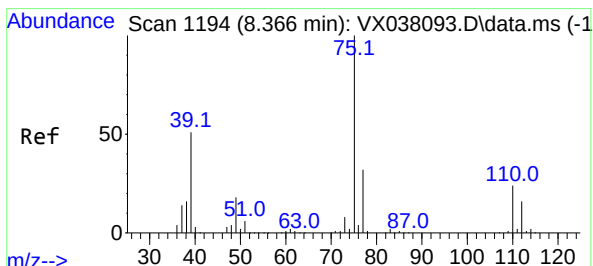
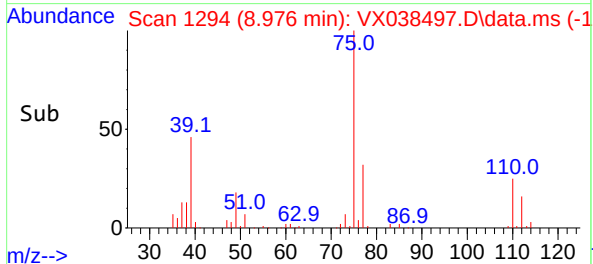
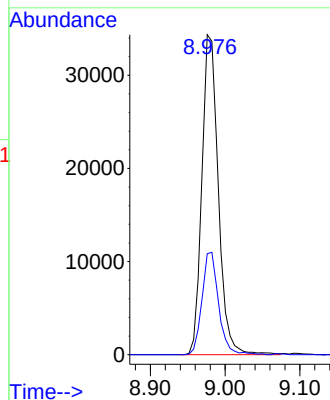
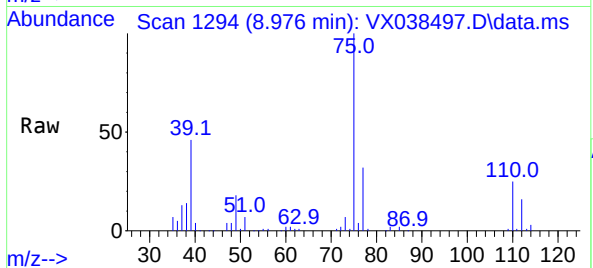
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#54

cis-1,3-Dichloropropene

Concen: 19.915 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

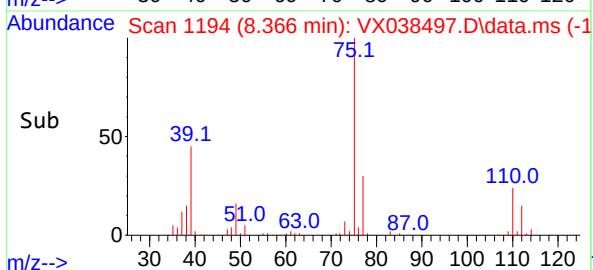
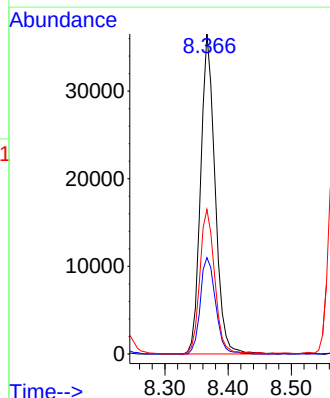
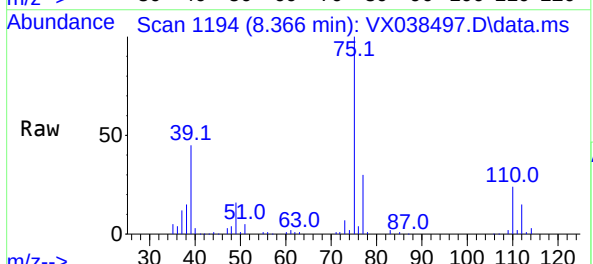
Tgt Ion: 75 Resp: 58152

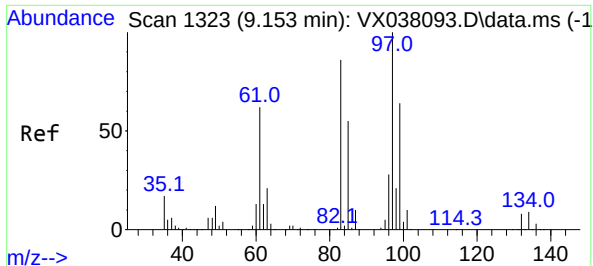
Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9

39 45.1 46.7 70.1





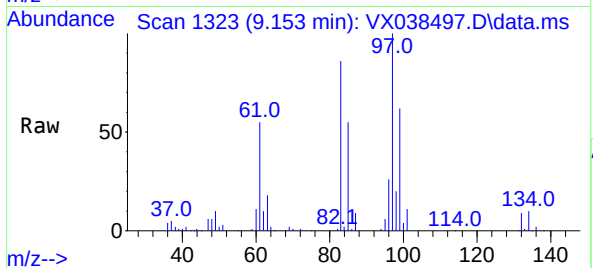
#55
1,1,2-Trichloroethane
Concen: 22.472 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02



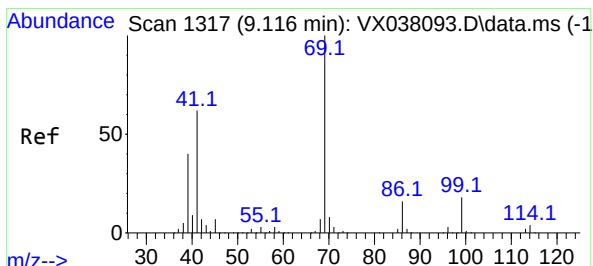
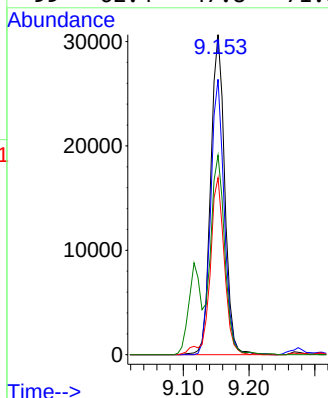
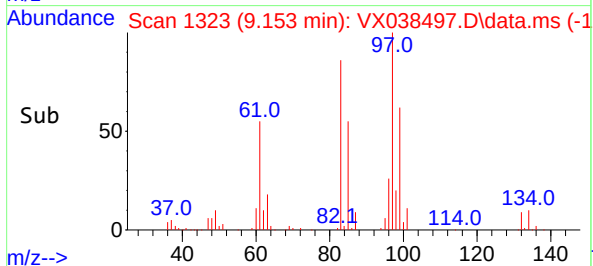
Tgt Ion: 97 Resp: 45398
Ion Ratio Lower Upper
97 100
83 86.1 65.8 98.8
85 55.3 41.6 62.4
99 62.4 47.8 71.8

Manual Integrations

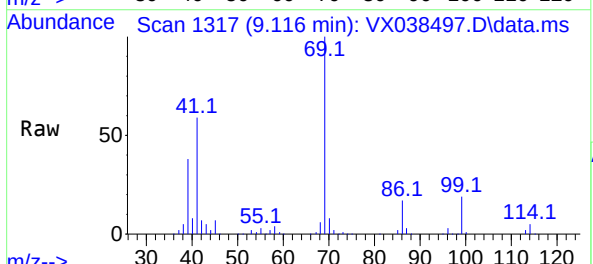
APPROVED

Reviewed By :John Carlone 10/26/2023

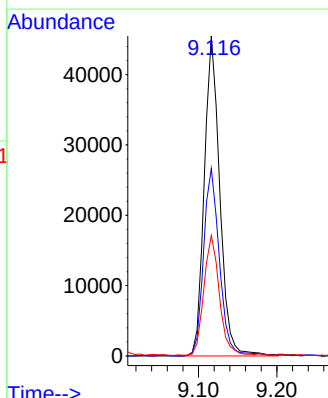
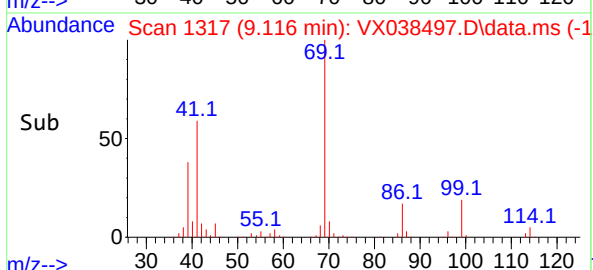
Supervised By :Mahesh Dadoda 10/26/2023

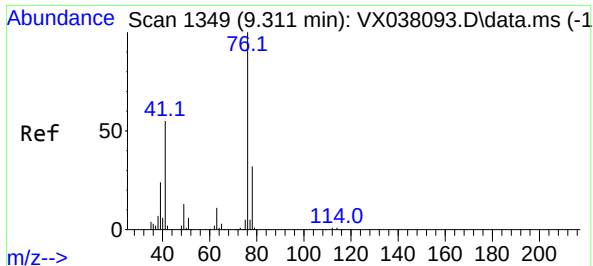


#56
Ethyl methacrylate
Concen: 20.194 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



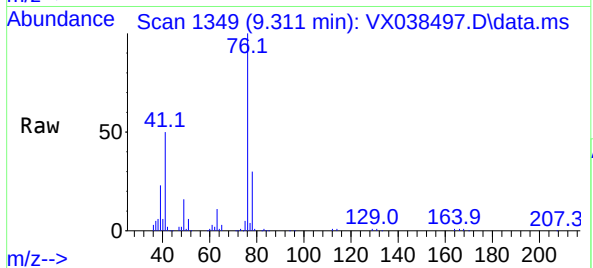
Tgt Ion: 69 Resp: 62551
Ion Ratio Lower Upper
69 100
41 60.2 56.8 85.2
39 37.4 32.0 48.0





#57
1,3-Dichloropropane
Concen: 21.240 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

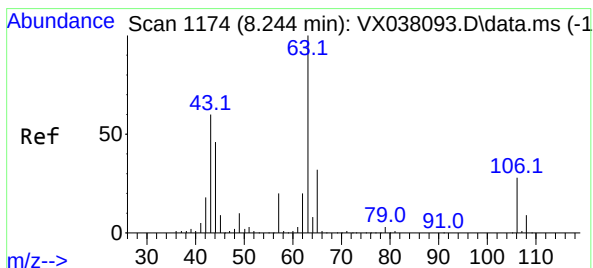
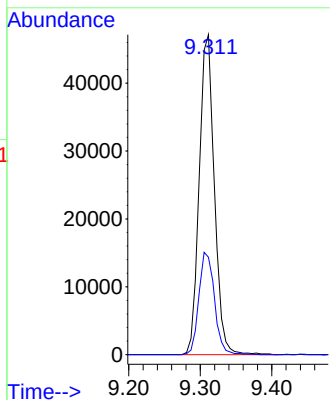
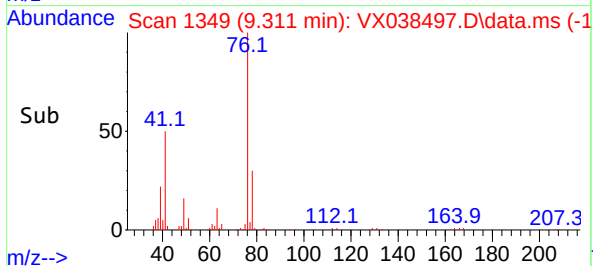
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



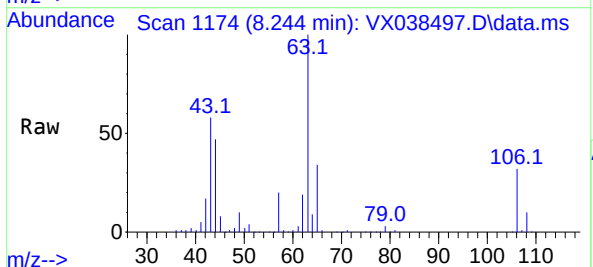
Tgt Ion: 76 Resp: 69399
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

Manual Integrations
APPROVED

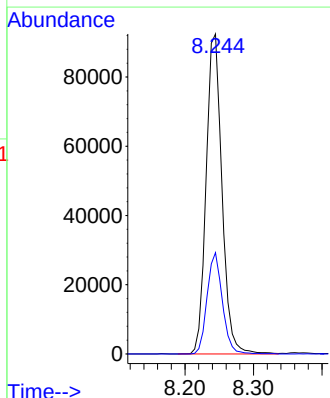
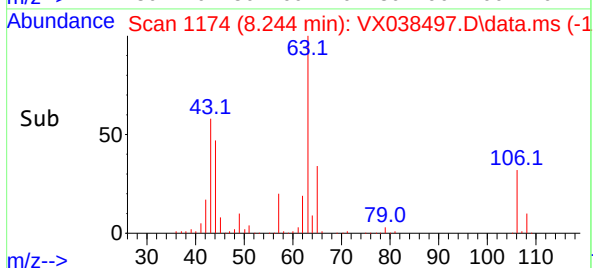
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

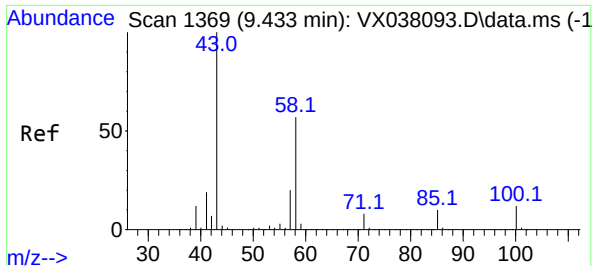


#58
2-Chloroethyl Vinyl ether
Concen: 97.886 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



Tgt Ion: 63 Resp: 148827
Ion Ratio Lower Upper
63 100
106 30.6 22.5 33.7





#59

2-Hexanone

Concen: 100.547 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 43 Resp: 256254

Ion Ratio Lower Upper

43 100

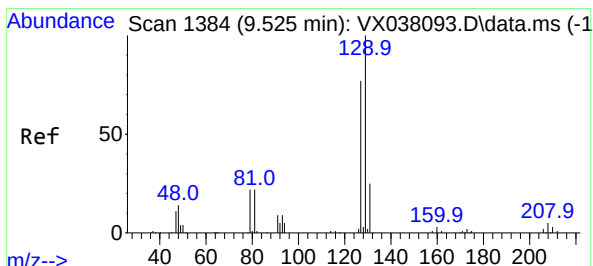
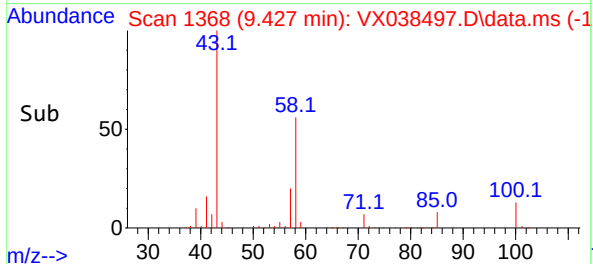
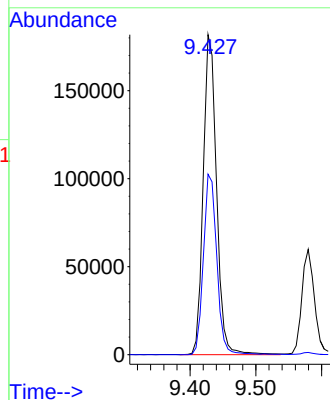
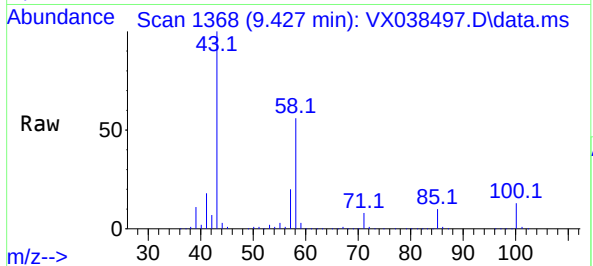
58 56.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#60

Dibromochloromethane

Concen: 23.761 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038497.D

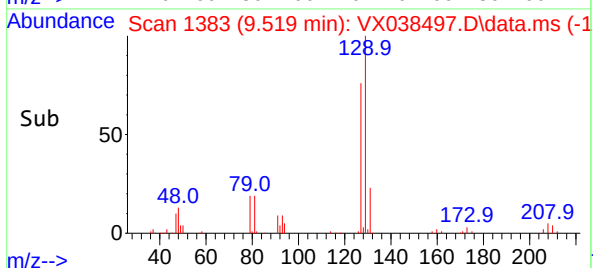
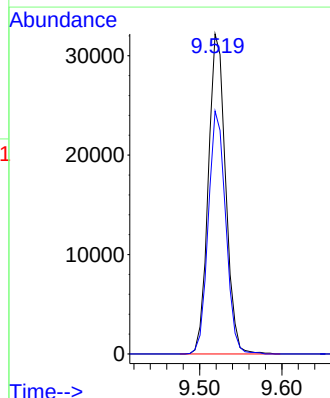
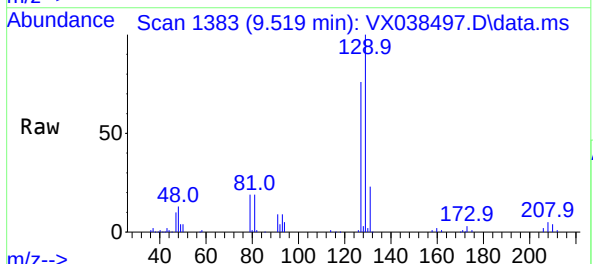
Acq: 26 Oct 2023 04:39

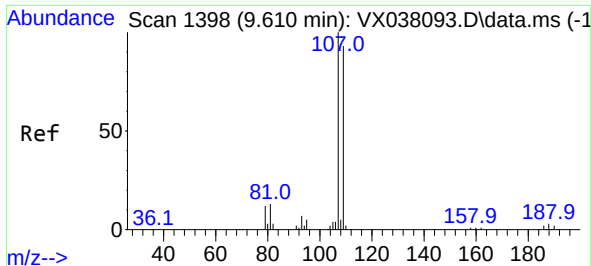
Tgt Ion:129 Resp: 46981

Ion Ratio Lower Upper

129 100

127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.844 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

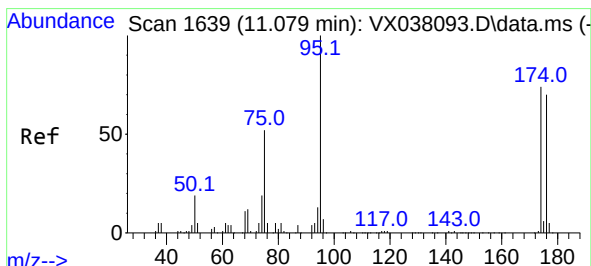
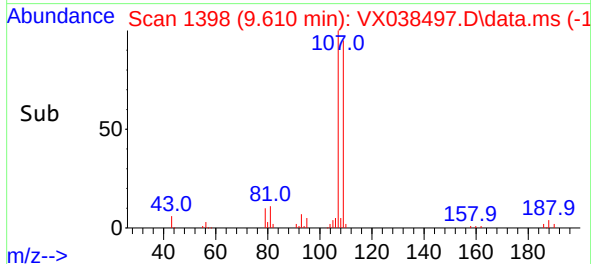
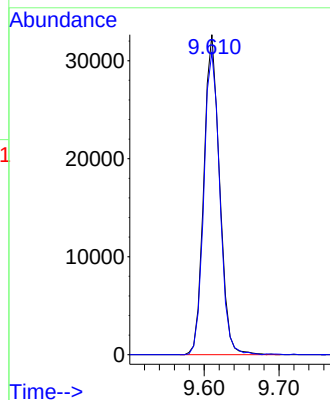
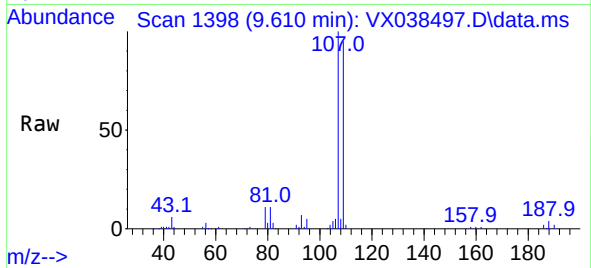
Tgt Ion:107 Resp: 4772
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8

Manual Integrations

APPROVED

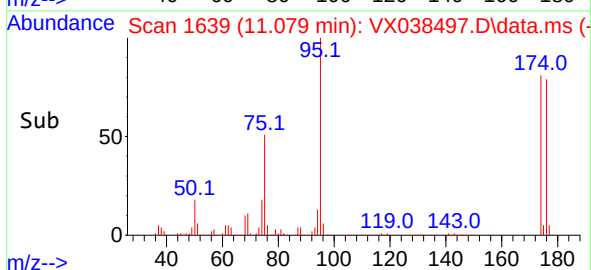
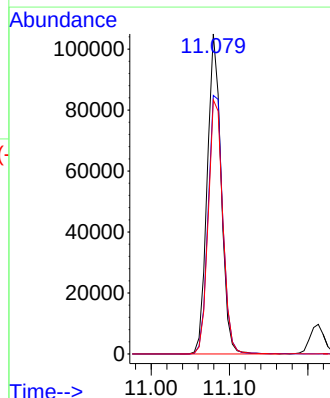
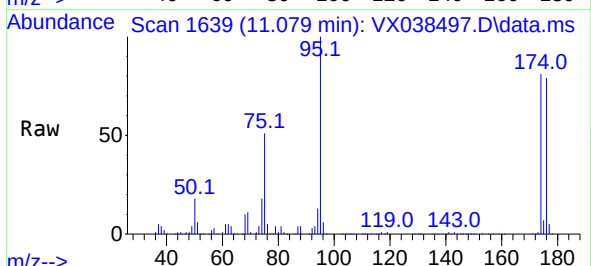
Reviewed By :John Carlone 10/26/2023

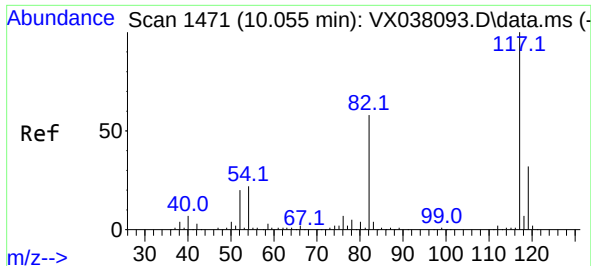
Supervised By :Mahesh Dadoda 10/26/2023



#62
4-Bromofluorobenzene
Concen: 47.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

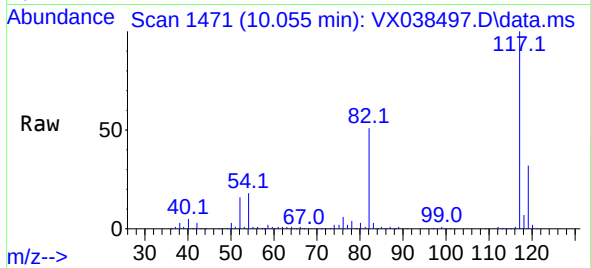
Tgt Ion: 95 Resp: 128539
Ion Ratio Lower Upper
95 100
174 85.5 0.0 135.6
176 83.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

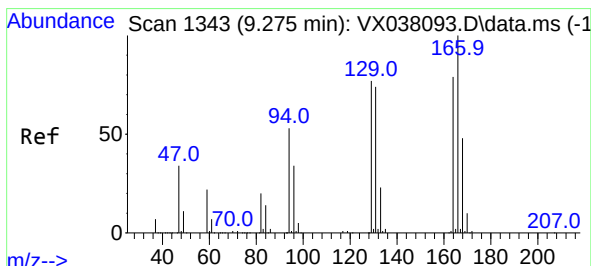
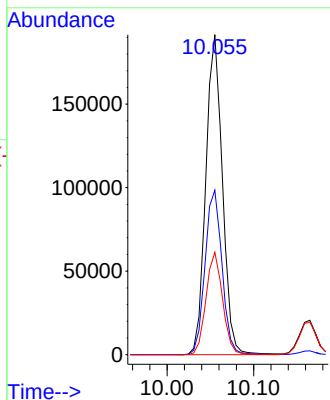
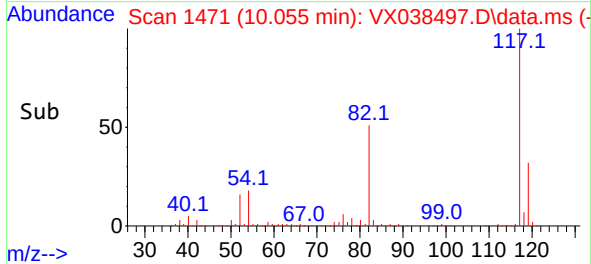
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



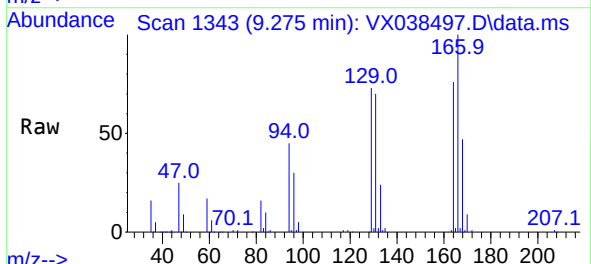
Tgt Ion:117 Resp: 255435
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.0 25.5 38.3

Manual Integrations
APPROVED

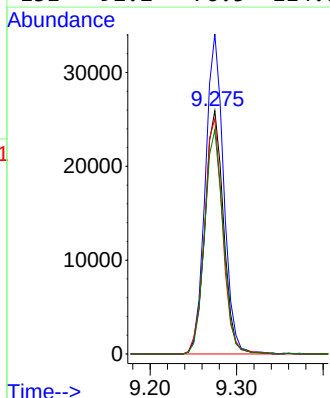
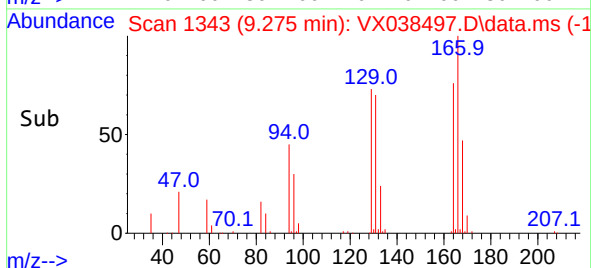
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

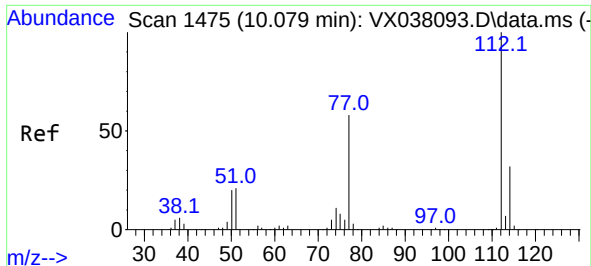


#64
Tetrachloroethene
Concen: 23.219 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



Tgt Ion:164 Resp: 38395
Ion Ratio Lower Upper
164 100
166 131.6 102.7 154.1
129 96.7 80.4 120.6
131 92.2 76.5 114.7





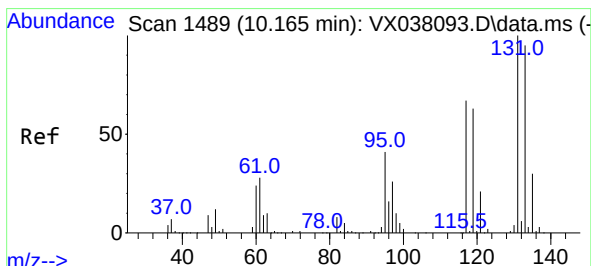
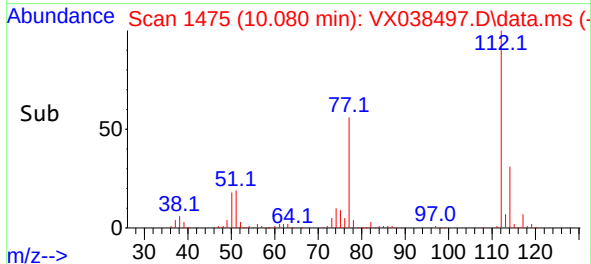
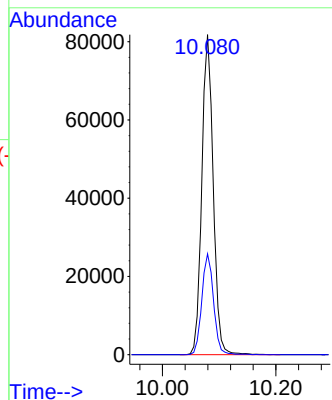
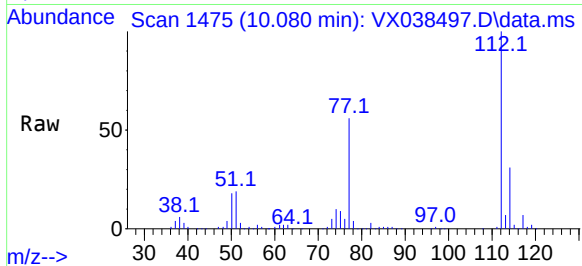
#65
Chlorobenzene
Concen: 21.303 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion:112 Resp: 113869
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

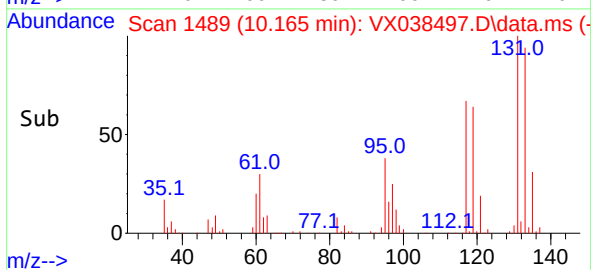
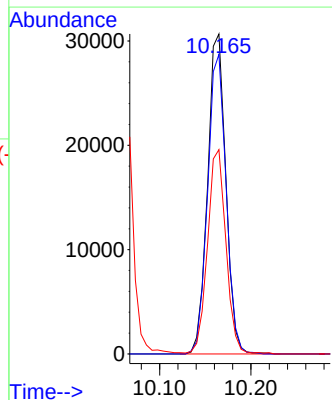
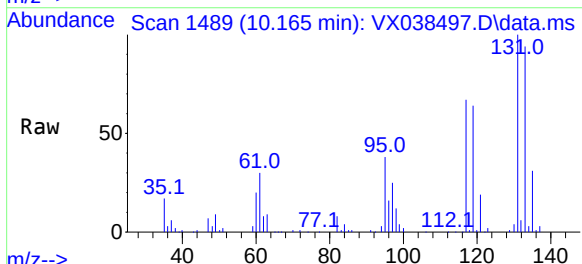
Manual Integrations
APPROVED

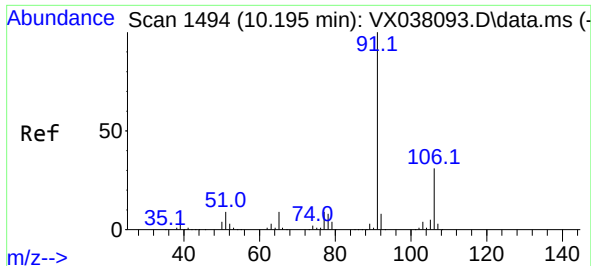
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 23.472 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion:131 Resp: 42424
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 64.7 32.2 96.6





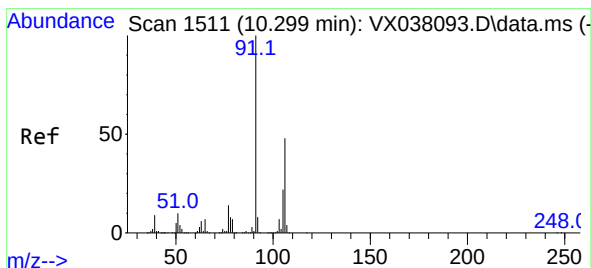
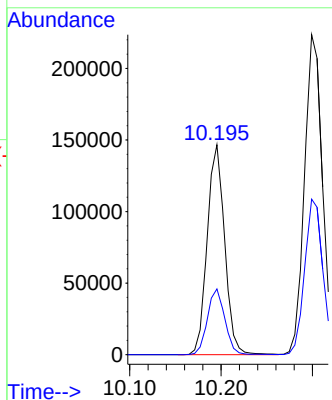
#67
Ethyl Benzene
Concen: 20.350 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion: 91 Resp: 19416
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

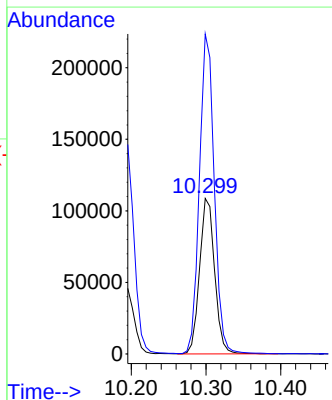
Manual Integrations
APPROVED

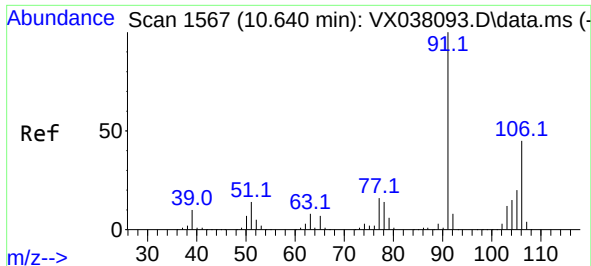
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#68
m/p-Xylenes
Concen: 41.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion:106 Resp: 151832
Ion Ratio Lower Upper
106 100
91 202.9 165.5 248.3





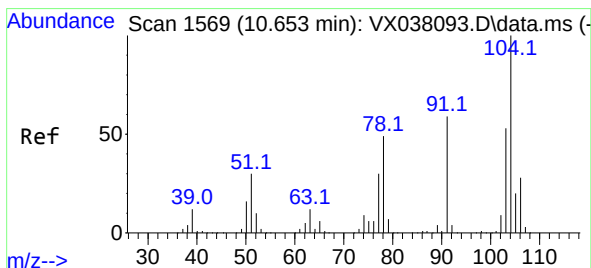
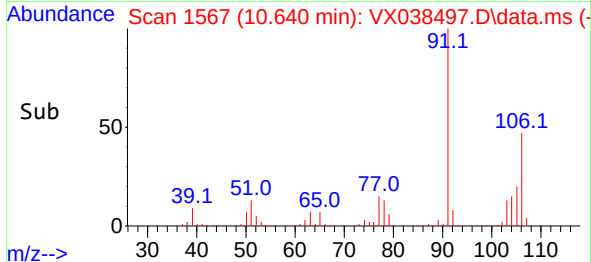
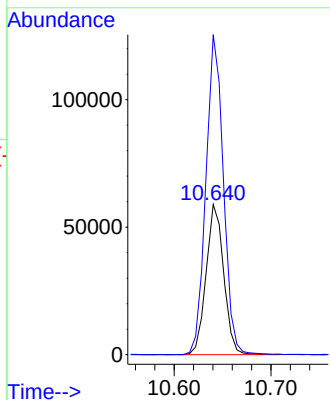
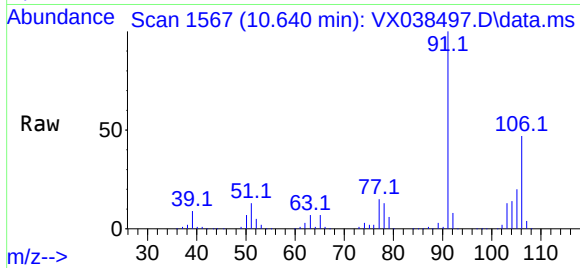
#69
o-Xylene
Concen: 20.750 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion:106 Resp: 74712
Ion Ratio Lower Upper
106 100
91 212.3 108.9 326.8

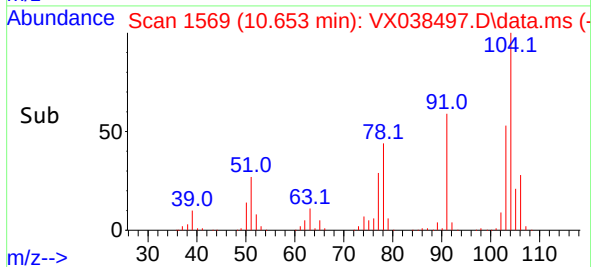
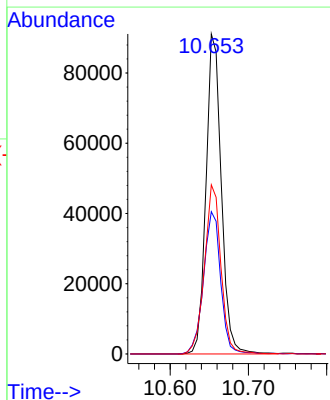
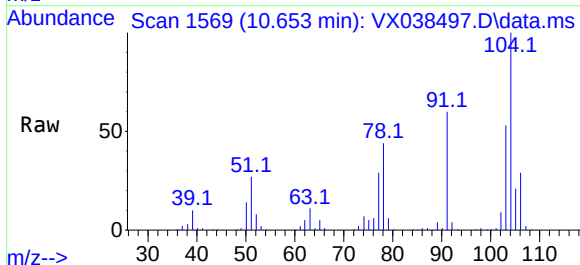
Manual Integrations
APPROVED

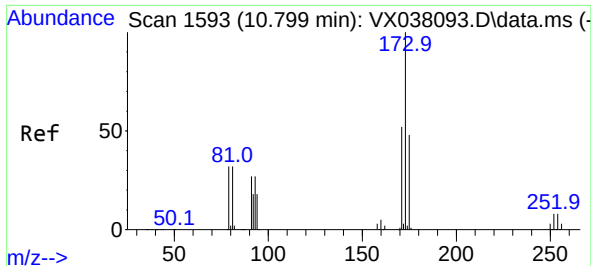
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#70
Styrene
Concen: 21.053 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

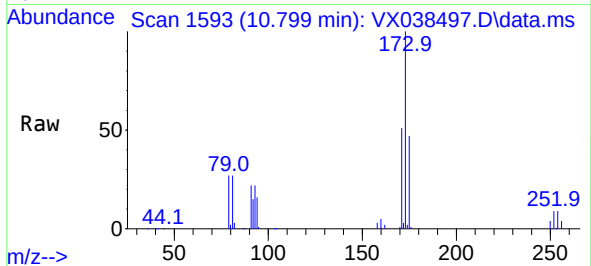
Tgt Ion:104 Resp: 123450
Ion Ratio Lower Upper
104 100
78 50.0 43.6 65.4
103 56.9 43.6 65.4





#71
Bromoform
Concen: 22.864 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

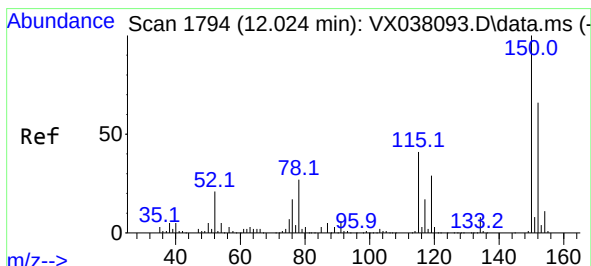
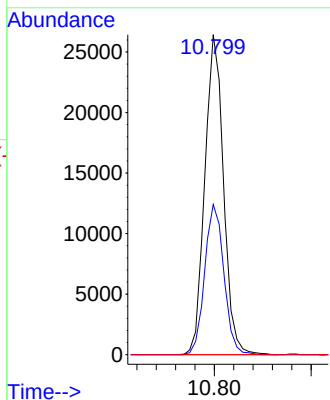
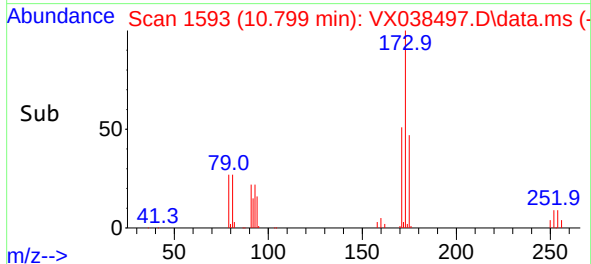
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



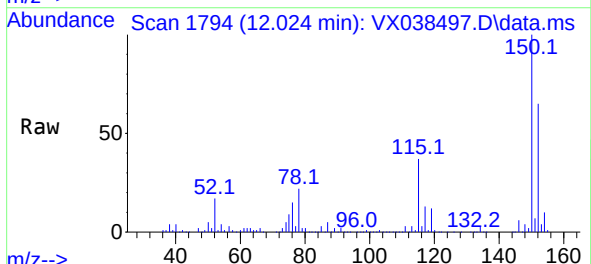
Tgt Ion:173 Resp: 3557
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

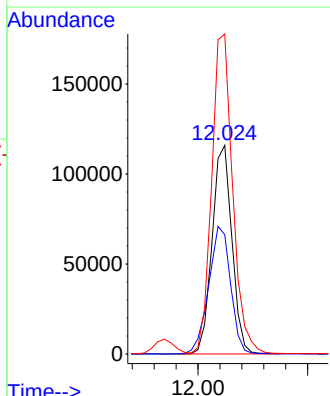
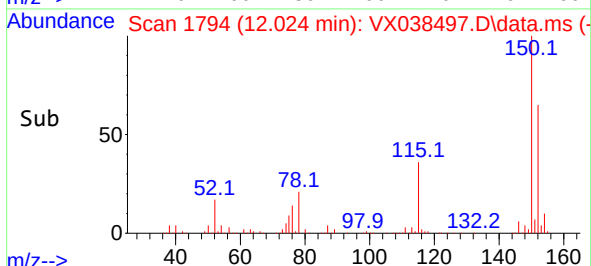
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

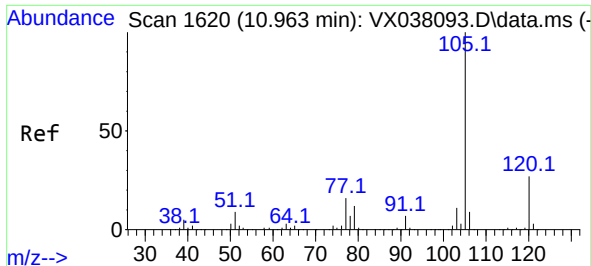


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



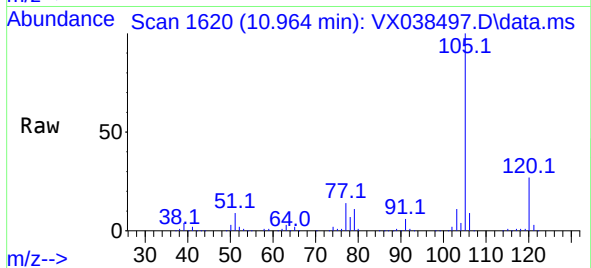
Tgt Ion:152 Resp: 145562
Ion Ratio Lower Upper
152 100
115 67.6 43.3 129.9
150 162.0 0.0 345.0





#73
Isopropylbenzene
Concen: 20.220 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

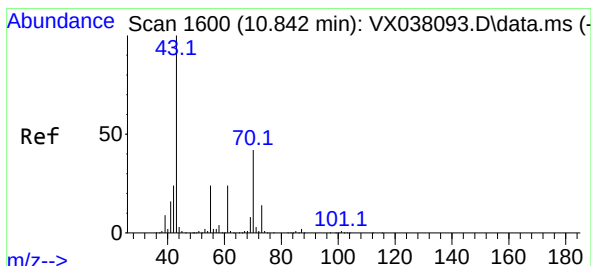
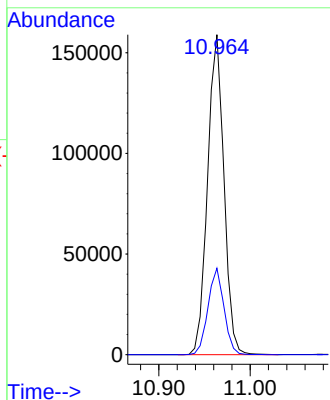
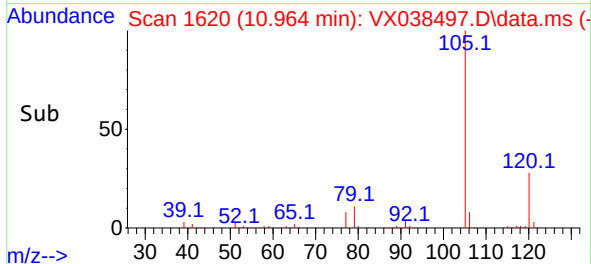
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



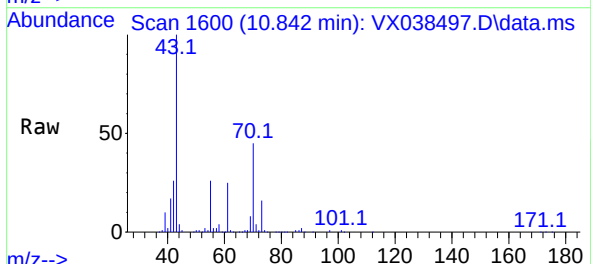
Tgt Ion:105 Resp: 19738
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

Manual Integrations
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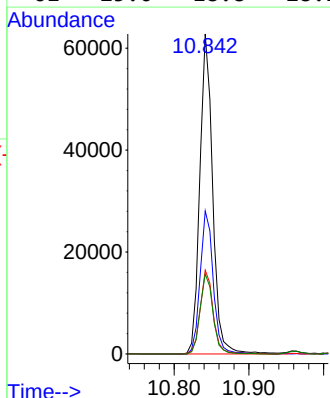
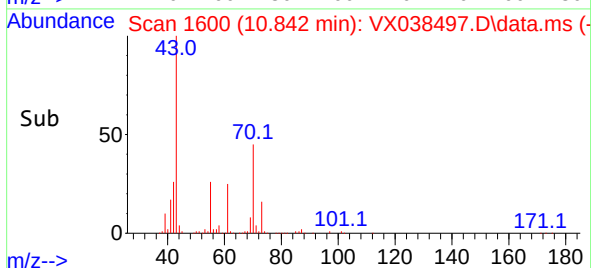
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

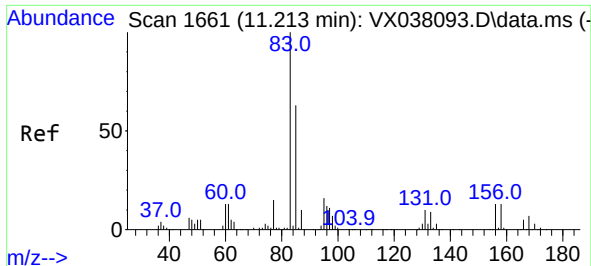


#74
N-ethyl acetate
Concen: 18.027 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



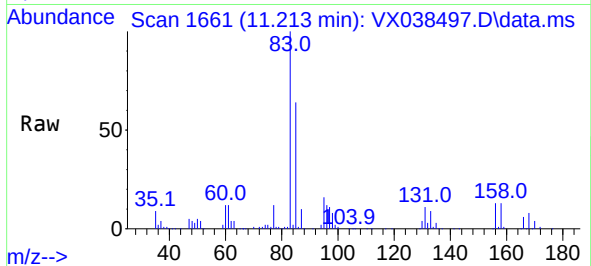
Tgt Ion: 43 Resp: 75148
Ion Ratio Lower Upper
43 100
70 45.5 32.9 49.3
55 26.3 19.3 28.9
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.142 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

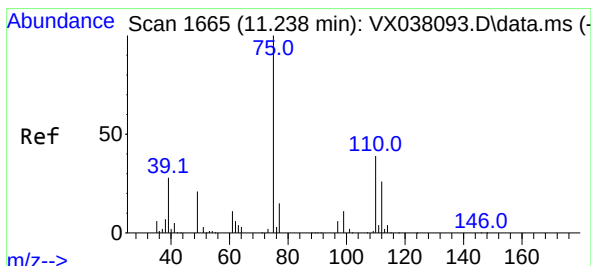
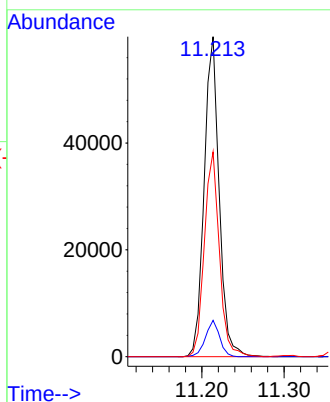
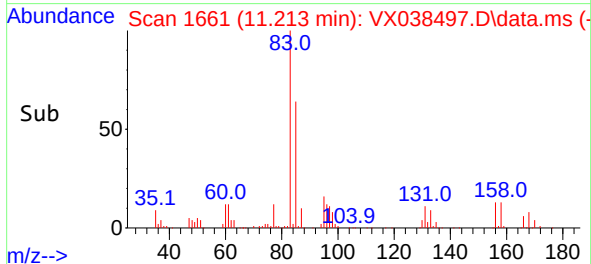
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



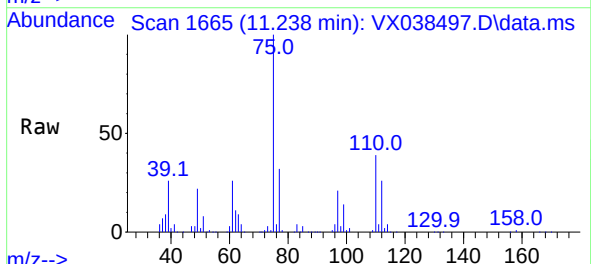
Tgt Ion: 83 Resp: 75732
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

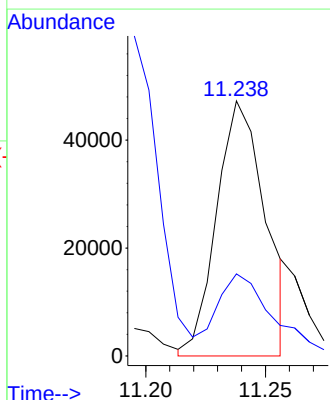
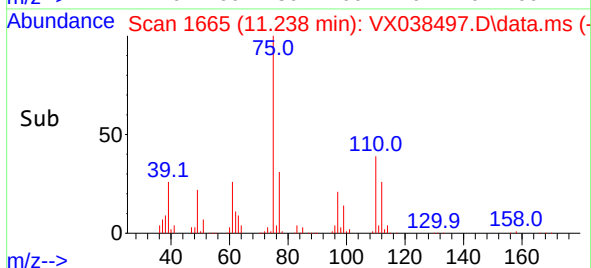
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

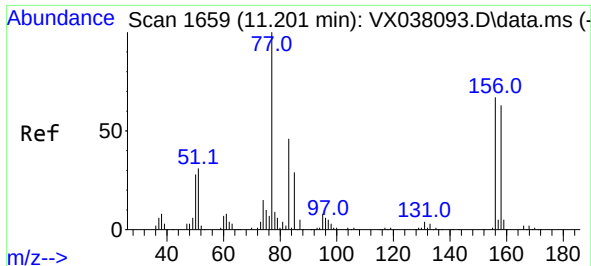


#76
1,2,3-Trichloropropane
Concen: 20.206 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



Tgt Ion: 75 Resp: 66864
Ion Ratio Lower Upper
75 100
77 37.6 19.1 57.5





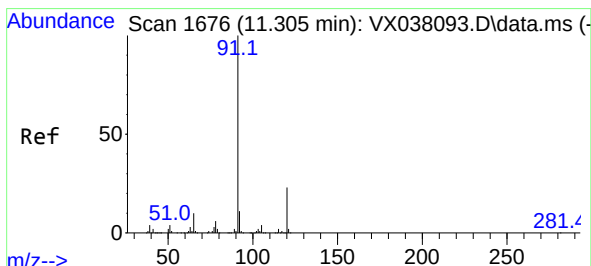
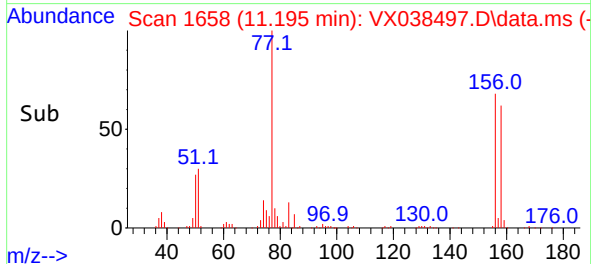
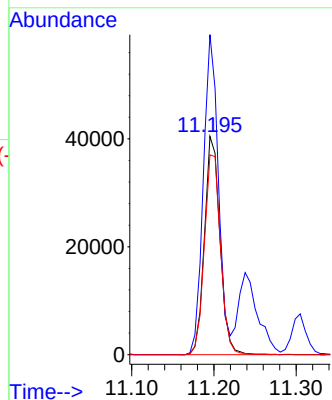
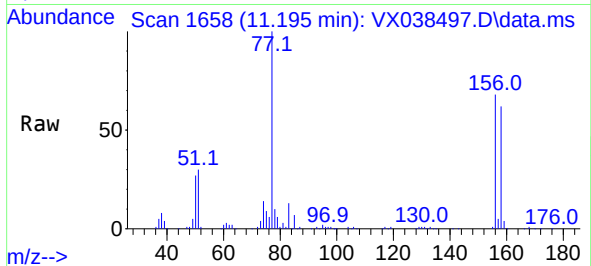
#77
Bromobenzene
Concen: 22.248 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion:156 Resp: 53024
Ion Ratio Lower Upper
156 100
77 142.0 88.4 265.3
158 95.5 48.0 144.0

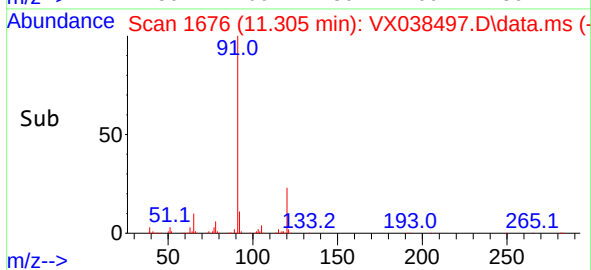
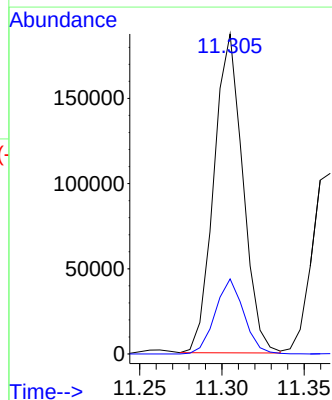
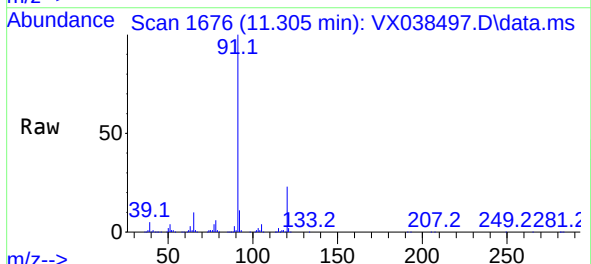
Manual Integrations
APPROVED

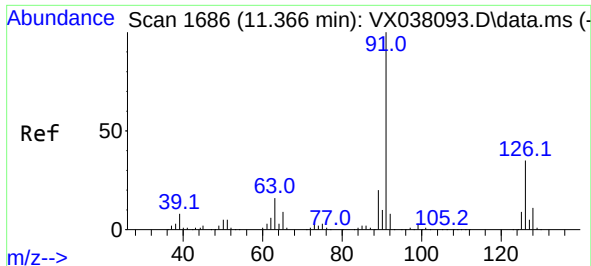
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#78
n-propylbenzene
Concen: 19.196 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Tgt Ion: 91 Resp: 229133
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





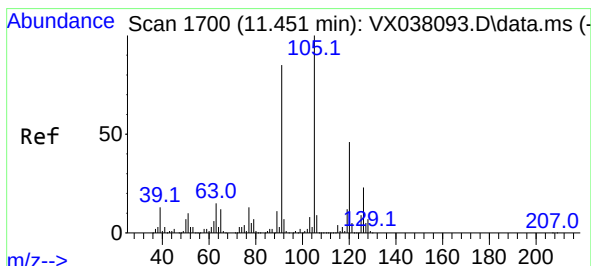
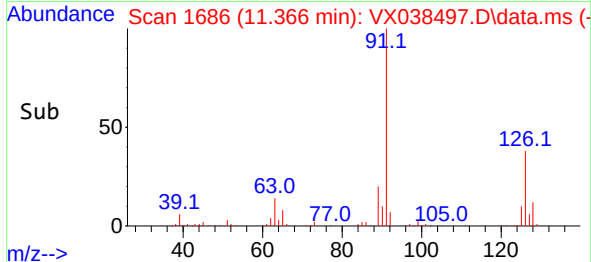
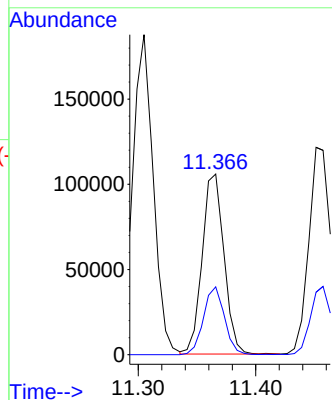
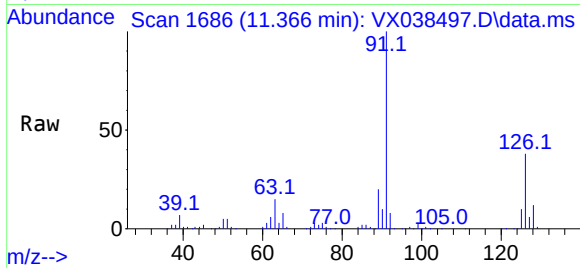
#79
2-Chlorotoluene
Concen: 19.216 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02

Tgt Ion: 91 Resp: 136023
Ion Ratio Lower Upper
91 100
126 36.3 16.3 48.8

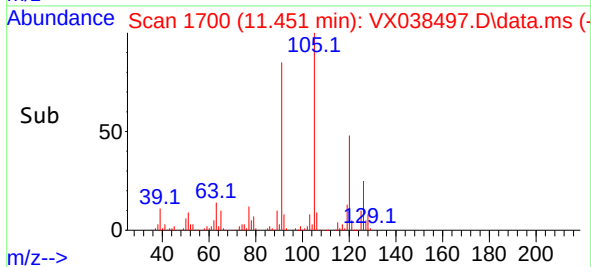
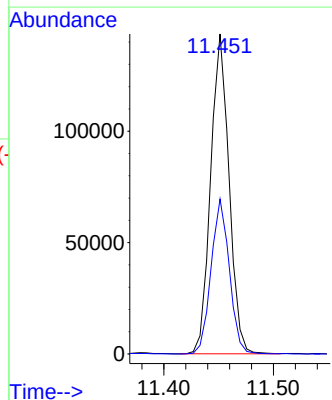
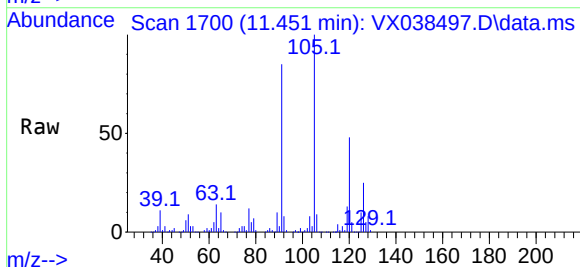
Manual Integrations
APPROVED

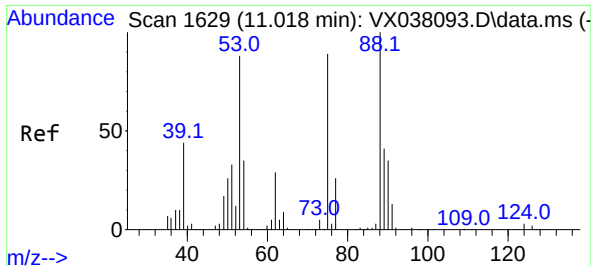
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.870 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

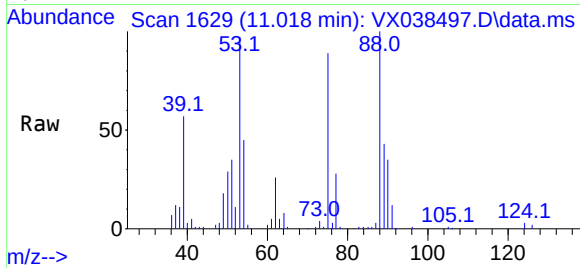
Tgt Ion:105 Resp: 167347
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.240 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

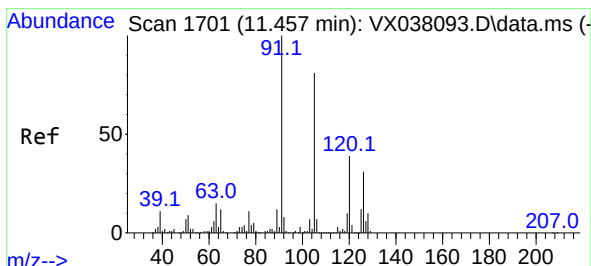
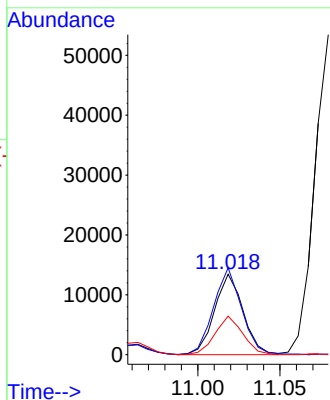
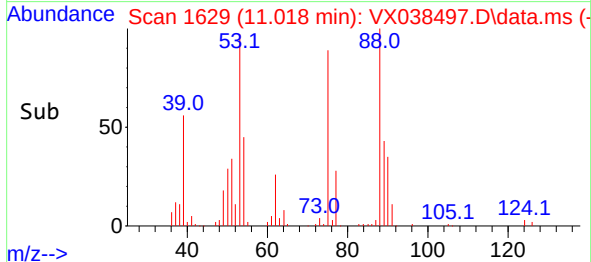
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



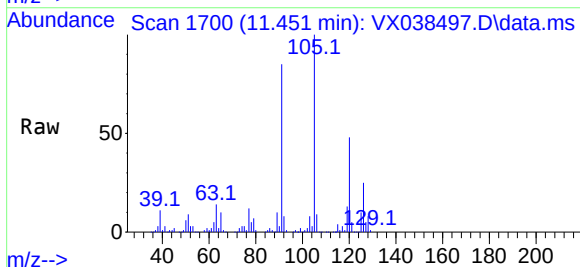
Tgt Ion: 75 Resp: 16280
Ion Ratio Lower Upper
75 100
53 106.1 90.5 135.7
89 46.3 36.9 55.3

Manual Integrations
APPROVED

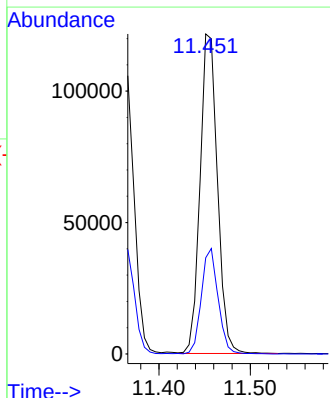
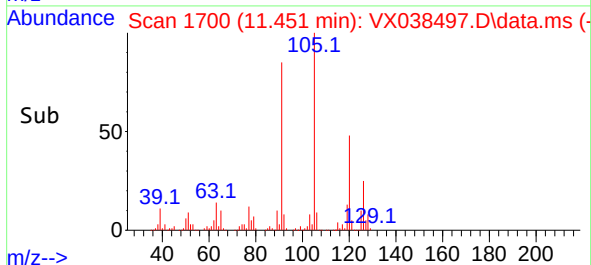
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

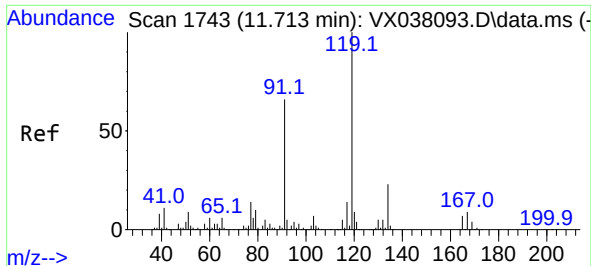


#82
4-Chlorotoluene
Concen: 19.139 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



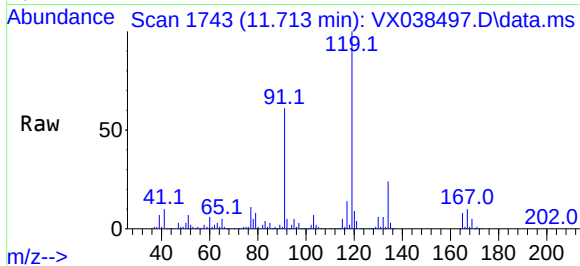
Tgt Ion: 91 Resp: 160315
Ion Ratio Lower Upper
91 100
126 31.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.213 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

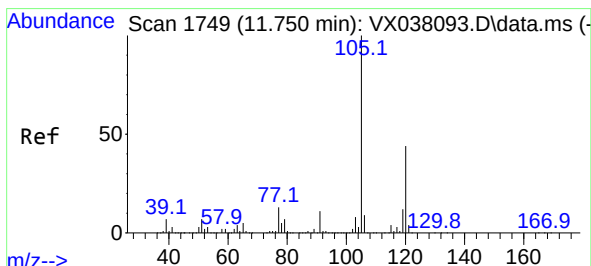
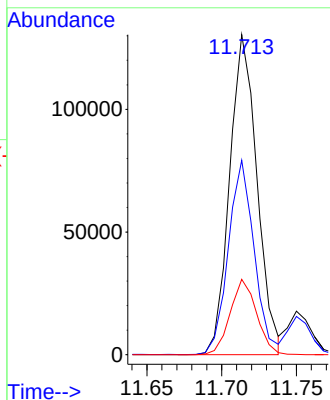
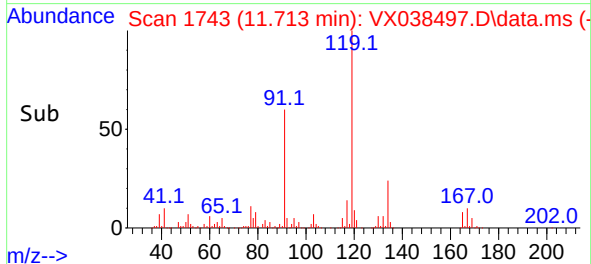
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



Tgt Ion:119 Resp: 166335
Ion Ratio Lower Upper
119 100
91 57.3 31.2 93.6
134 22.8 11.7 35.0

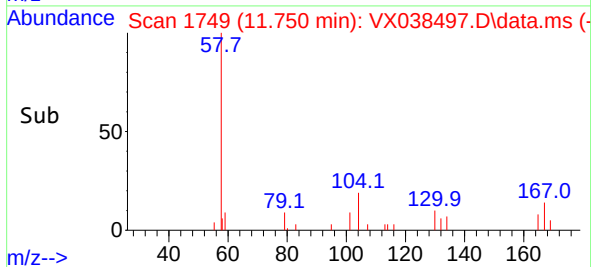
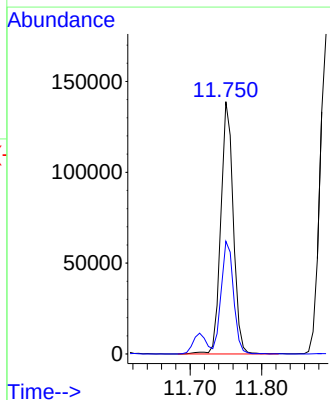
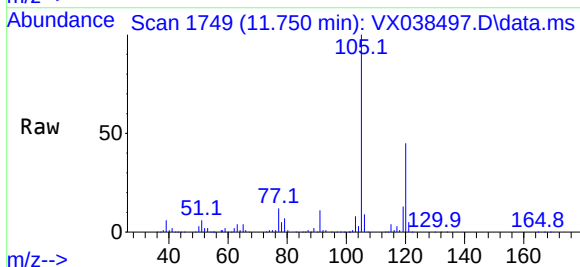
Manual Integrations
APPROVED

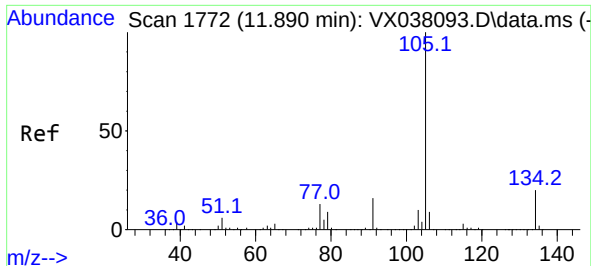
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.981 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

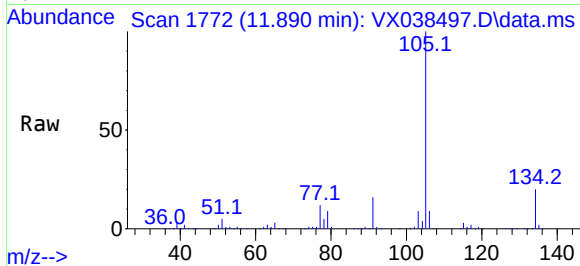
Tgt Ion:105 Resp: 167780
Ion Ratio Lower Upper
105 100
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.725 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038497.D
 Acq: 26 Oct 2023 04:39

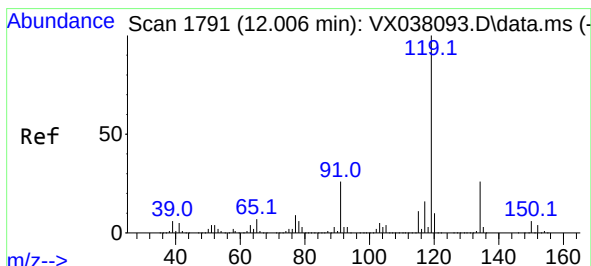
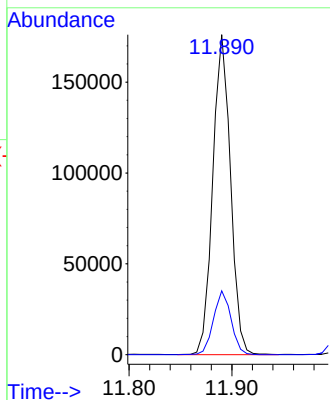
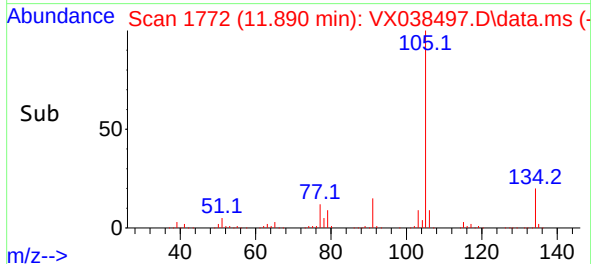
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD02



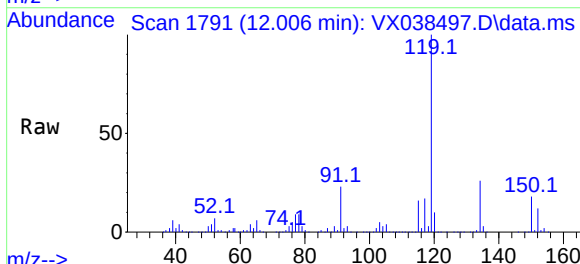
Tgt Ion:105 Resp: 21026
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

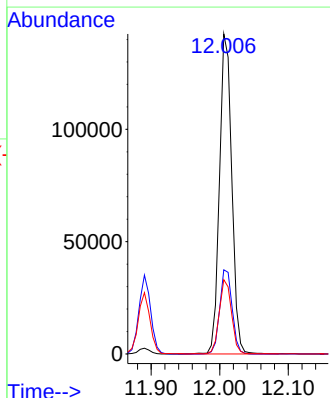
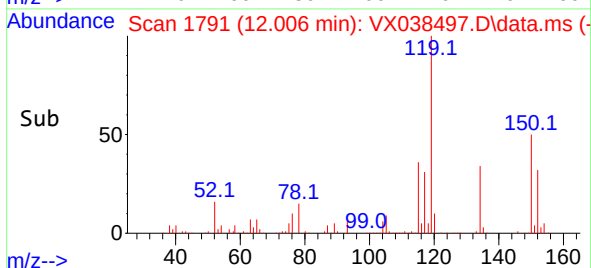
Reviewed By :John Carlone 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

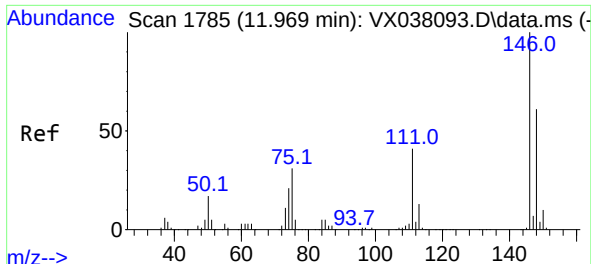


#86
 p-Isopropyltoluene
 Concen: 20.050 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038497.D
 Acq: 26 Oct 2023 04:39



Tgt Ion:119 Resp: 176345
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.760 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

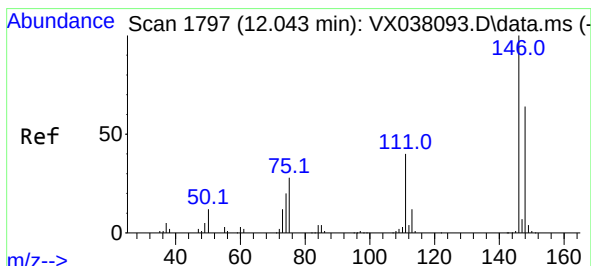
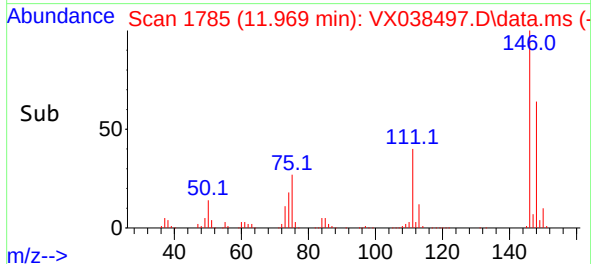
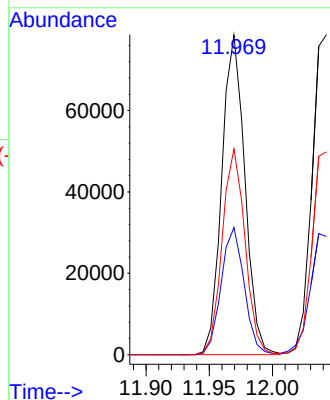
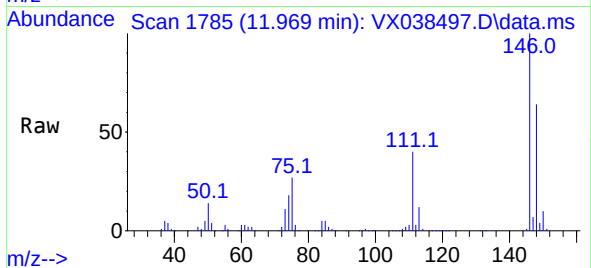
Tgt Ion:146 Resp: 99375
 Ion Ratio Lower Upper
 146 100
 111 39.8 22.1 66.1
 148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#88

1,4-Dichlorobenzene

Concen: 20.667 ug/l

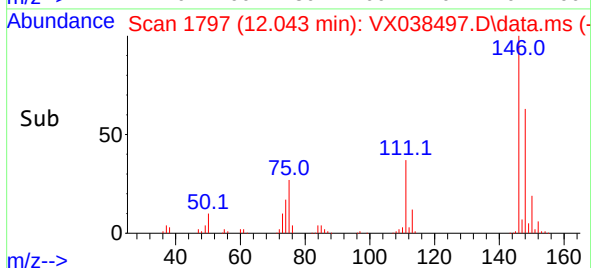
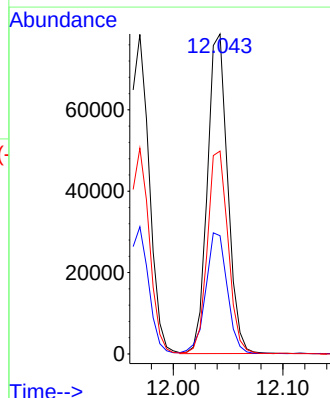
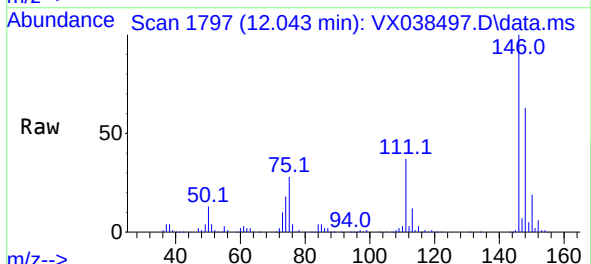
RT: 12.043 min Scan# 1797

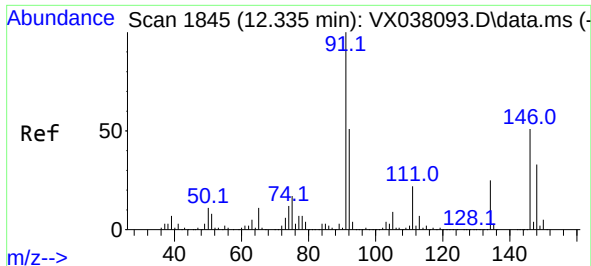
Delta R.T. -0.000 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Tgt Ion:146 Resp: 100999
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.3 63.7
 148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 17.460 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038497.D

Acq: 26 Oct 2023 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD02

Tgt Ion: 91 Resp: 15293

Ion Ratio Lower Upper

91 100

92 50.8 27.4 82.0

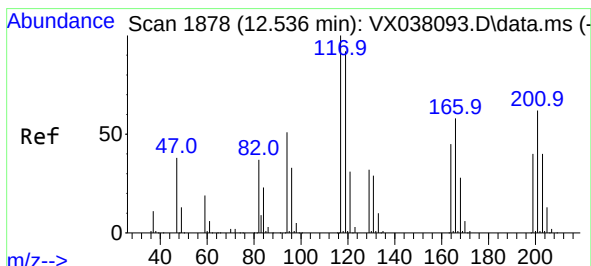
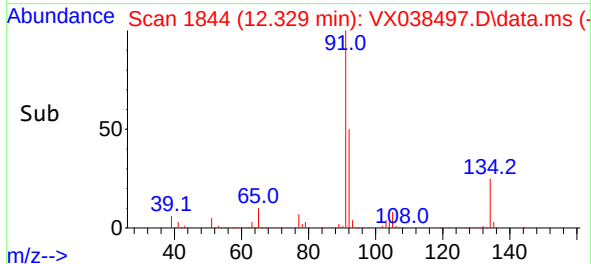
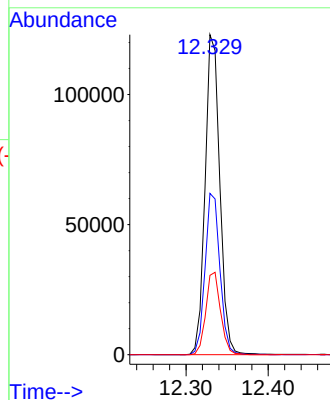
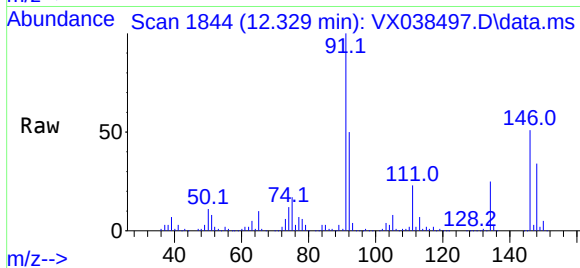
134 25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#90

Hexachloroethane

Concen: 20.204 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038497.D

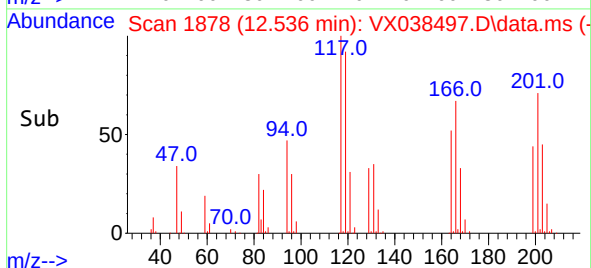
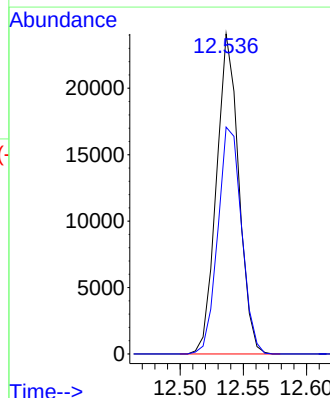
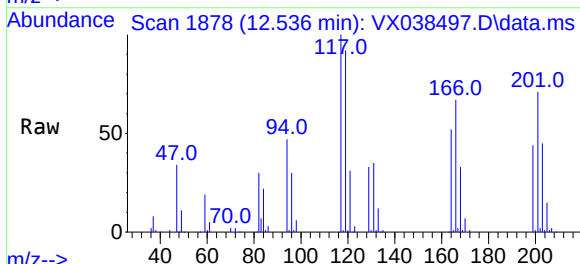
Acq: 26 Oct 2023 04:39

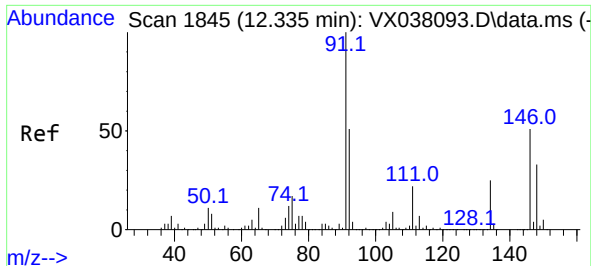
Tgt Ion:117 Resp: 29463

Ion Ratio Lower Upper

117 100

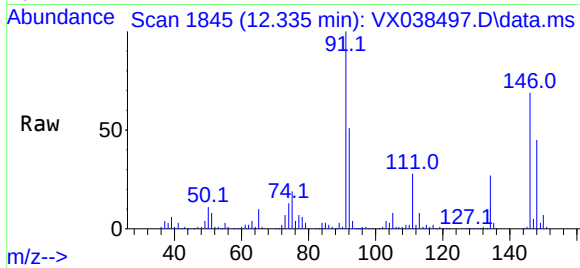
201 75.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 21.516 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

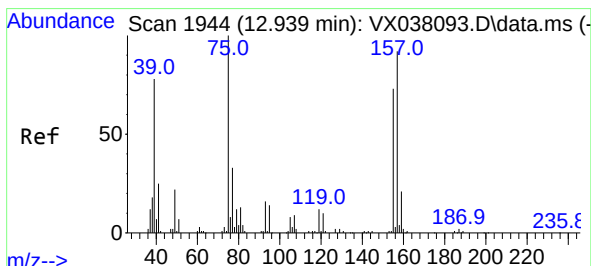
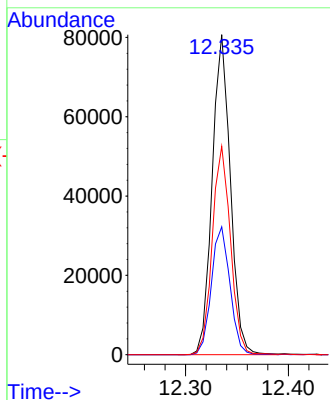
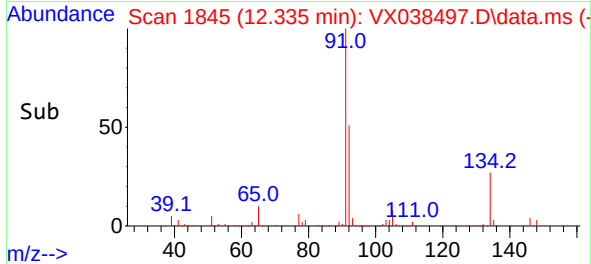
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



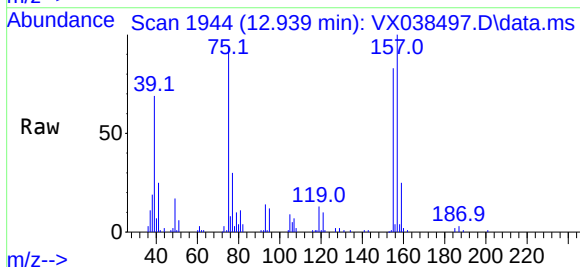
Tgt Ion:146 Resp: 9900
Ion Ratio Lower Upper
146 100
111 40.9 22.4 67.0
148 65.4 31.6 95.0

Manual Integrations
APPROVED

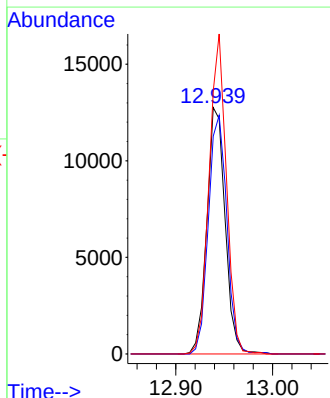
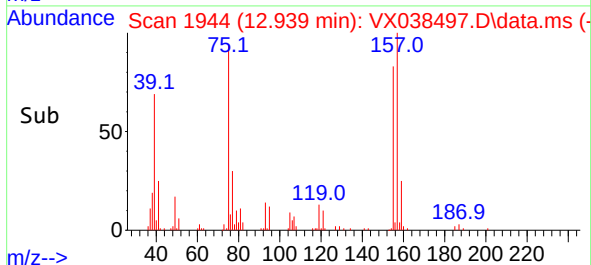
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

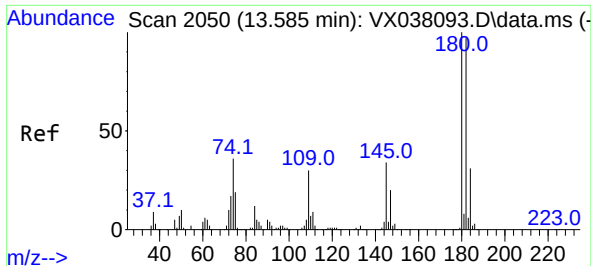


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.325 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



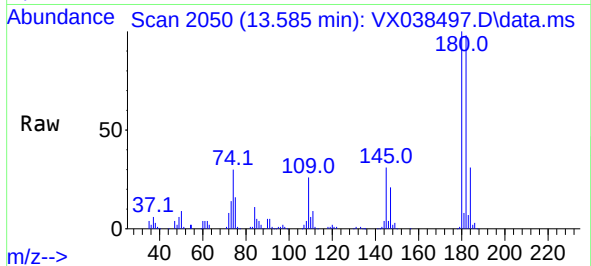
Tgt Ion: 75 Resp: 16737
Ion Ratio Lower Upper
75 100
155 98.2 36.1 108.5
157 123.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 21.535 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

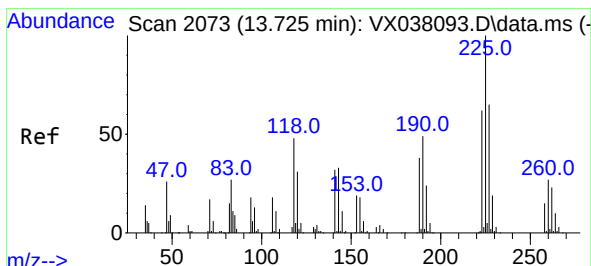
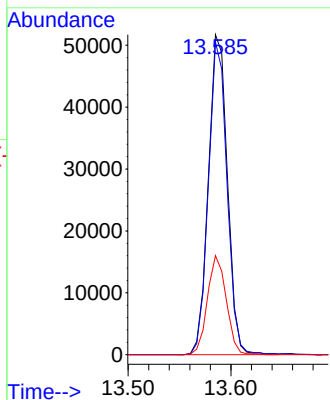
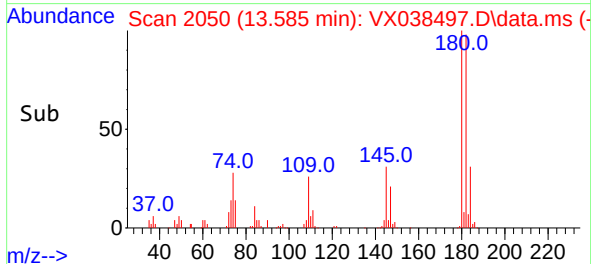
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



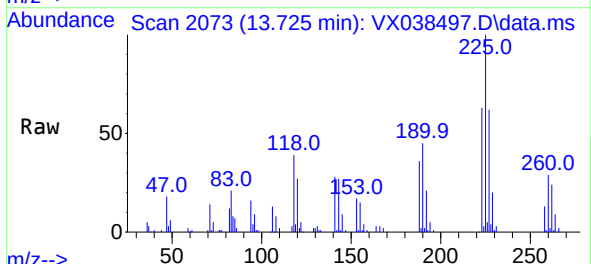
Tgt Ion:180 Resp: 66460
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 30.7 18.0 54.0

Manual Integrations
APPROVED

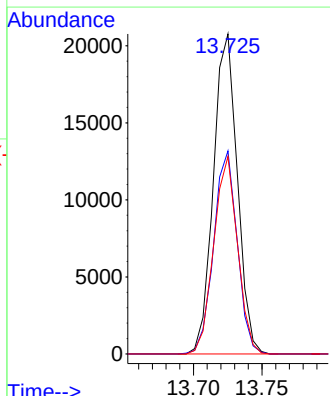
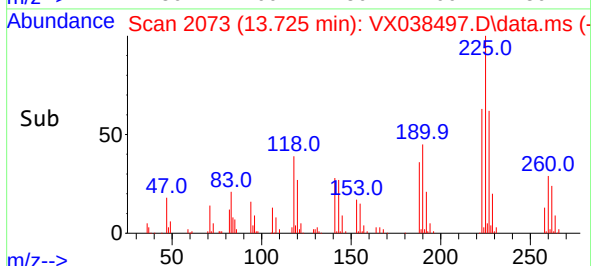
Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

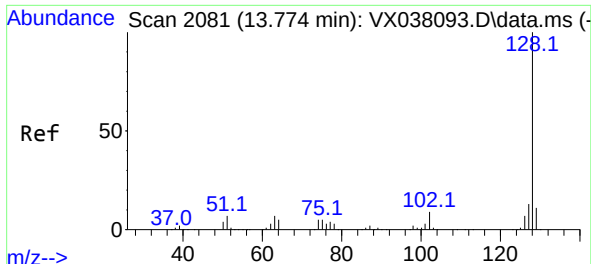


#94
Hexachlorobutadiene
Concen: 20.270 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



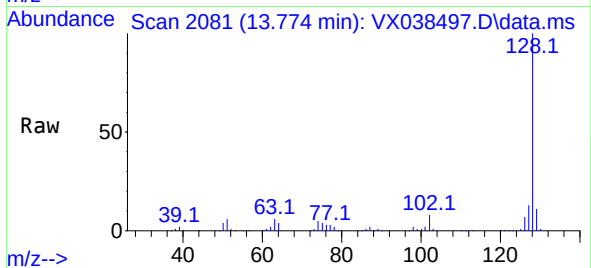
Tgt Ion:225 Resp: 25178
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 61.3 32.5 97.5





#95
Naphthalene
Concen: 20.930 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39

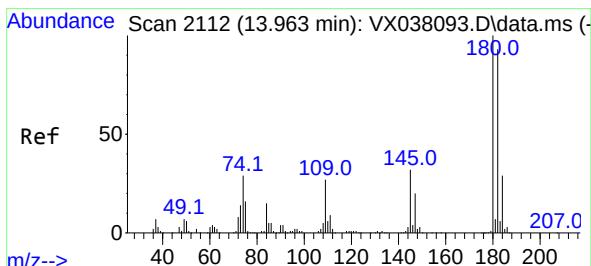
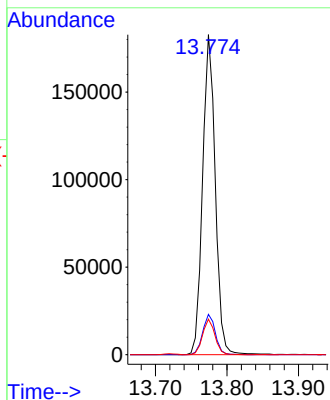
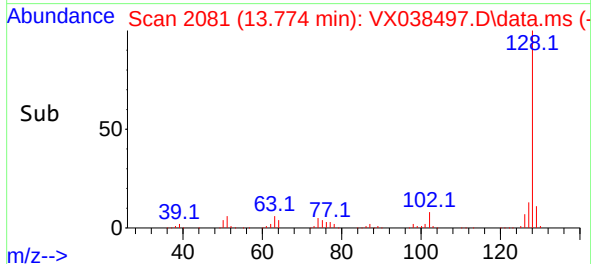
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD02



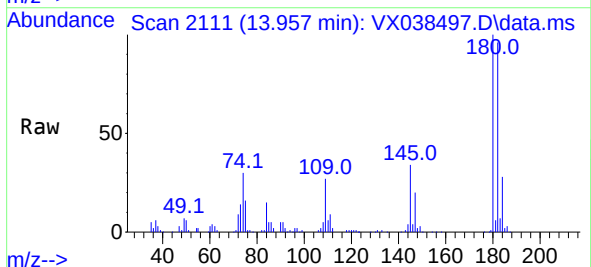
Tgt Ion:128 Resp: 224940
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.033 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX038497.D
Acq: 26 Oct 2023 04:39



Tgt Ion:180 Resp: 65839
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 32.3 17.8 53.5

