

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038219.D
 Acq On : 11 Oct 2023 11:17
 Operator : JC/MD
 Sample : VX1011WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 02:40:38 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	110753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95019	53.340	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.680%			
35) Dibromofluoromethane	5.385	113	73322	55.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.000%			
50) Toluene-d8	8.647	98	275323	54.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.100%			
62) 4-Bromofluorobenzene	11.079	95	105931	54.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24359	22.786	ug/l	95
3) Chloromethane	1.301	50	22739	20.869	ug/l	94
4) Vinyl Chloride	1.374	62	26730	22.126	ug/l	98
5) Bromomethane	1.605	94	28853	17.633	ug/l	98
6) Chloroethane	1.685	64	21458	24.721	ug/l	96
7) Trichlorofluoromethane	1.886	101	56364	23.621	ug/l	98
8) Diethyl Ether	2.130	74	20885	23.468	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	23843	22.888	ug/l	97
10) Methyl Iodide	2.453	142	30978	20.668	ug/l	94
11) Tert butyl alcohol	2.953	59	42765	102.195	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	22330	22.037	ug/l	85
13) Acrolein	2.233	56	39603	156.383	ug/l	98
14) Allyl chloride	2.666	41	36676	20.236	ug/l	94
15) Acrylonitrile	3.062	53	90853	112.071	ug/l	99
16) Acetone	2.374	43	88722	119.336	ug/l	93
17) Carbon Disulfide	2.508	76	53659	18.373	ug/l	99
18) Methyl Acetate	2.703	43	73931	23.189	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	85102	21.087	ug/l	97
20) Methylene Chloride	2.788	84	28156	20.134	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	26063	20.774	ug/l	92
22) Diisopropyl ether	3.757	45	80777	21.265	ug/l	95
23) Vinyl Acetate	3.721	43	296714	106.513	ug/l	95
24) 1,1-Dichloroethane	3.611	63	48266	20.937	ug/l	99
25) 2-Butanone	4.550	43	132713	110.635	ug/l	92
26) 2,2-Dichloropropane	4.471	77	36625	20.349	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	31633	21.170	ug/l	91
28) Bromochloromethane	4.898	49	22396	21.521	ug/l	87
29) Tetrahydrofuran	4.995	42	85014	108.855	ug/l	90
30) Chloroform	5.093	83	53398	21.182	ug/l	89
31) Cyclohexane	5.471	56	39033	20.224	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	44570	20.642	ug/l	98
36) 1,1-Dichloropropene	5.696	75	37889	20.611	ug/l	97
37) Ethyl Acetate	4.709	43	47999	21.985	ug/l	97
38) Carbon Tetrachloride	5.678	117	38591	21.340	ug/l	97
39) Methylcyclohexane	7.379	83	45658	21.204	ug/l	95
40) Benzene	6.038	78	110626	21.516	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23840	21.950	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	45644	22.219	ug/l	99
43) Isopropyl Acetate	6.336	43	69791	21.413	ug/l	97
44) Trichloroethene	7.123	130	29582	21.997	ug/l	95
45) 1,2-Dichloropropane	7.428	63	29094	21.863	ug/l	96
46) Dibromomethane	7.580	93	22961	22.246	ug/l	97
47) Bromodichloromethane	7.824	83	40933	22.294	ug/l	93
48) Methyl methacrylate	7.690	41	34132	21.937	ug/l #	85
49) 1,4-Dioxane	7.659	88	17342	452.314	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	258310	114.903	ug/l	97
52) Toluene	8.720	92	73602	21.975	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	41704	21.160	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44443	21.463	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	32407	22.621	ug/l	93
56) Ethyl methacrylate	9.116	69	46193	21.031	ug/l	93
57) 1,3-Dichloropropane	9.305	76	51517	22.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123877	114.897	ug/l	99
59) 2-Hexanone	9.427	43	212161	117.393	ug/l	97
60) Dibromochloromethane	9.519	129	31440	22.424	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34622	22.348	ug/l	100
64) Tetrachloroethene	9.275	164	25248	21.317	ug/l	99
65) Chlorobenzene	10.079	112	81408	21.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28543	22.048	ug/l	99
67) Ethyl Benzene	10.195	91	145042	21.224	ug/l	99
68) m/p-Xylenes	10.299	106	110325	41.752	ug/l	98
69) o-Xylene	10.640	106	53004	20.553	ug/l	98
70) Styrene	10.659	104	91825	21.864	ug/l	97
71) Bromoform	10.799	173	22823	20.779	ug/l #	99
73) Isopropylbenzene	10.963	105	144947	21.098	ug/l	99
74) N-amyl acetate	10.842	43	61386	20.924	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	56078	22.245	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	51186m	21.978	ug/l	
77) Bromobenzene	11.195	156	36261	21.619	ug/l	92
78) n-propylbenzene	11.305	91	178606	21.261	ug/l	99
79) 2-Chlorotoluene	11.366	91	104532	20.982	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	124503	21.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	13342	19.412	ug/l	96
82) 4-Chlorotoluene	11.457	91	123731	20.988	ug/l	97
83) tert-Butylbenzene	11.713	119	120821	20.861	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	124958	21.144	ug/l	98
85) sec-Butylbenzene	11.890	105	161201	21.487	ug/l	99
86) p-Isopropyltoluene	12.006	119	133226	21.523	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71098	21.104	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	72151	20.978	ug/l	98
89) n-Butylbenzene	12.335	91	129909	21.074	ug/l	95
90) Hexachloroethane	12.536	117	21364	20.817	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	68520	21.159	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13460	22.083	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	46069	21.210	ug/l	96
94) Hexachlorobutadiene	13.725	225	19601	22.422	ug/l	98
95) Naphthalene	13.774	128	157802	20.863	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44252	21.042	ug/l	96

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Instrument :
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ClientSampleId :
VX1011WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

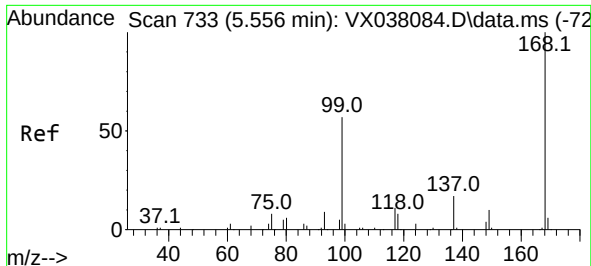
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

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

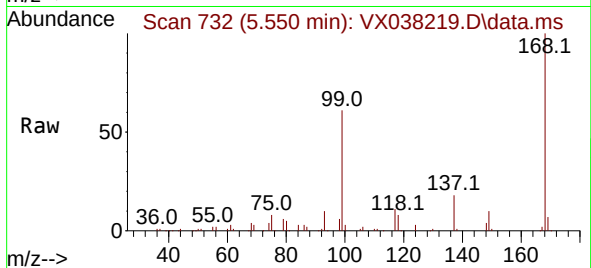
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

Page: 4



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

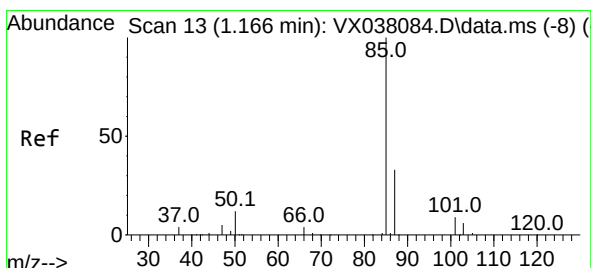
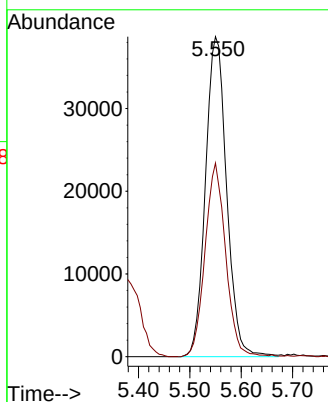
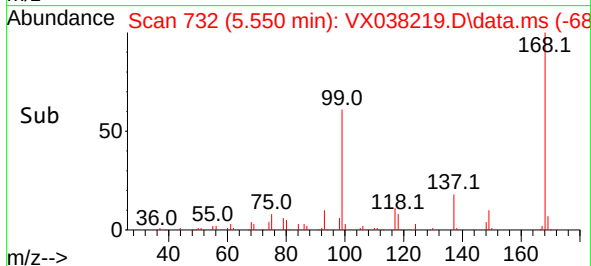
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion:168 Resp: 11075
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0

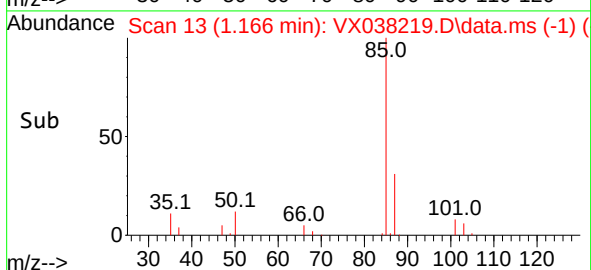
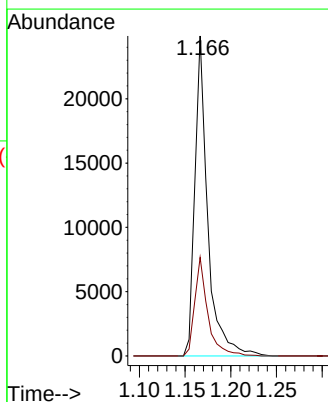
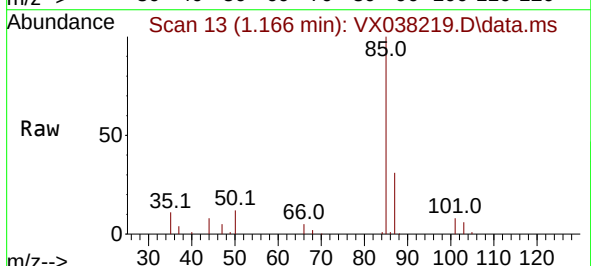
Manual Integrations
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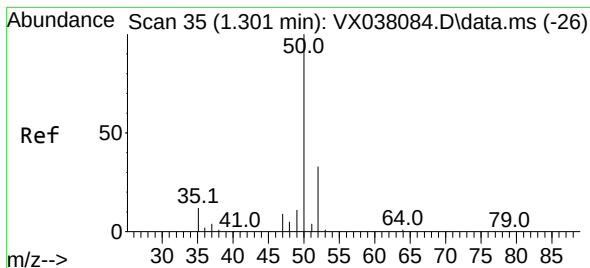
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Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 22.786 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion: 85 Resp: 24359
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1





#3

Chloromethane

Concen: 20.869 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 50 Resp: 22739

Ion Ratio Lower Upper

50 100

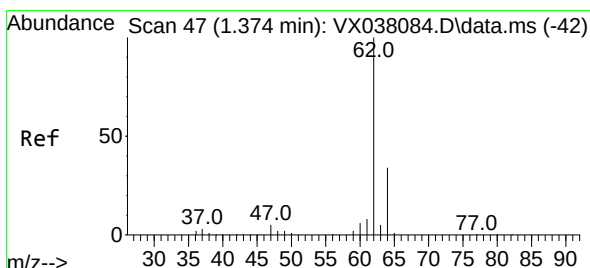
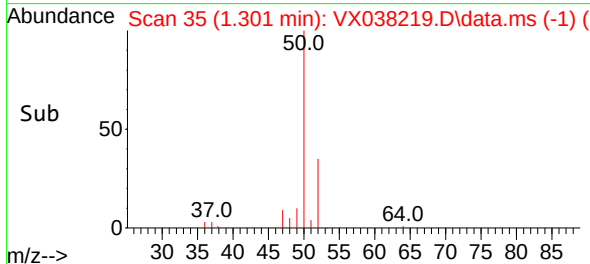
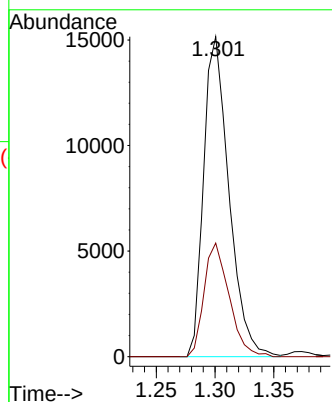
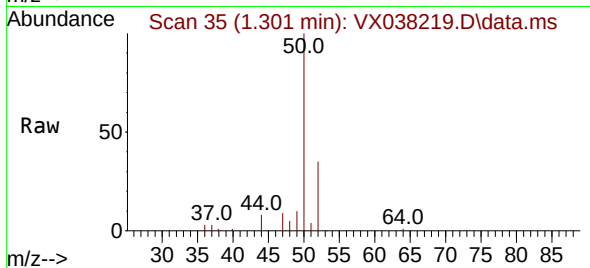
52 35.5 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#4

Vinyl Chloride

Concen: 22.126 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038219.D

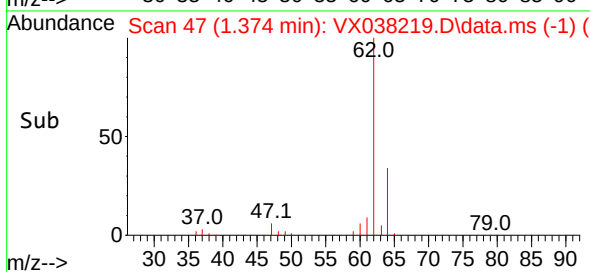
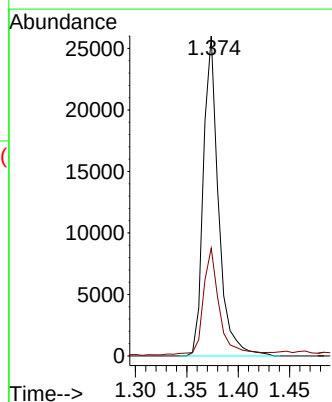
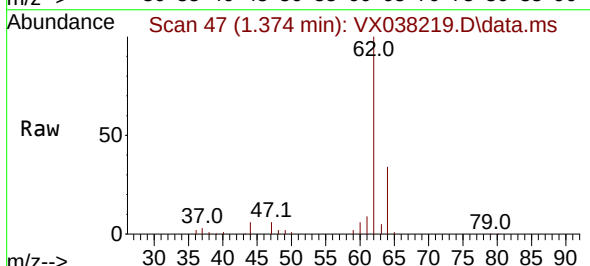
Acq: 11 Oct 2023 11:17

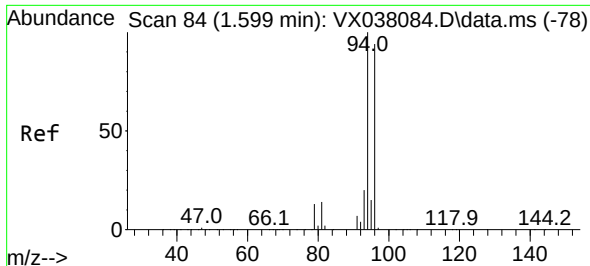
Tgt Ion: 62 Resp: 26730

Ion Ratio Lower Upper

62 100

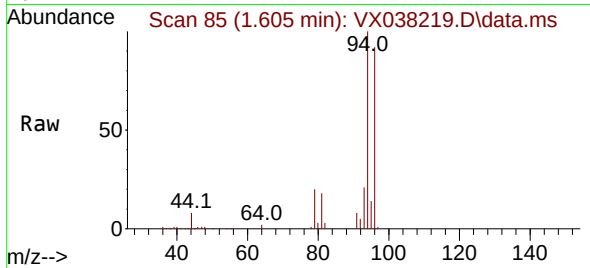
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 17.633 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

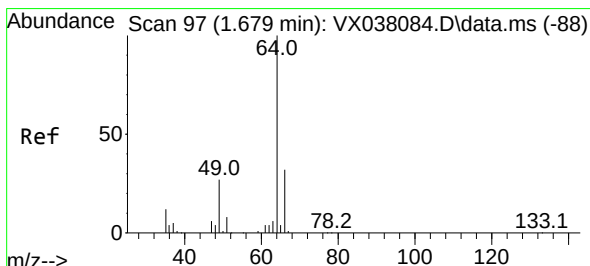
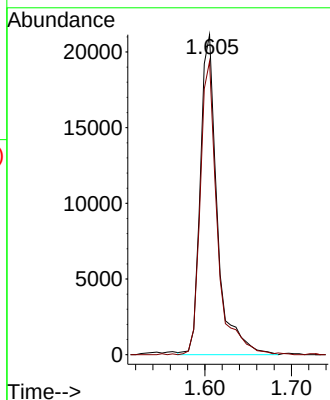
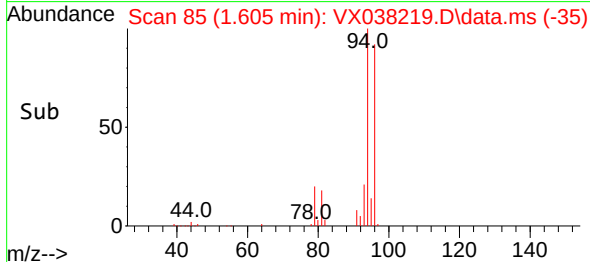
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 94 Resp: 2885
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

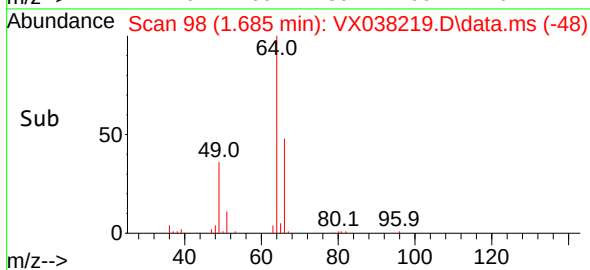
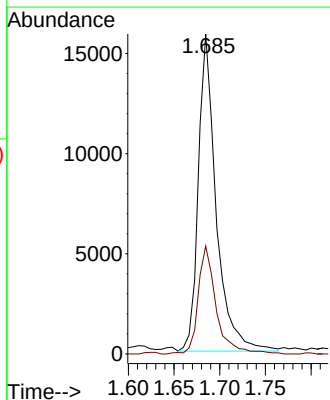
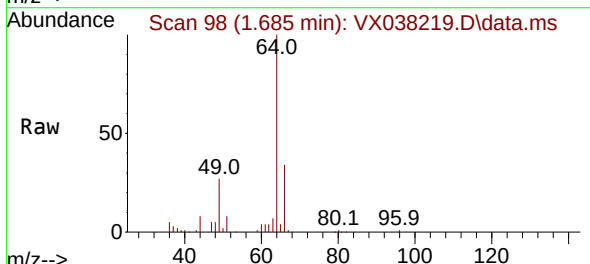
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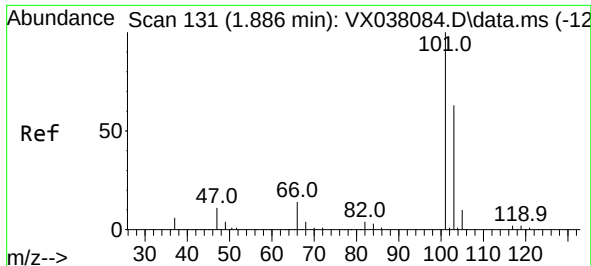
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#6
Chloroethane
Concen: 24.721 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion: 64 Resp: 21458
Ion Ratio Lower Upper
64 100
66 33.7 25.1 37.7





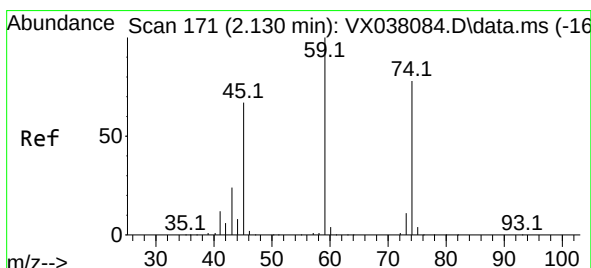
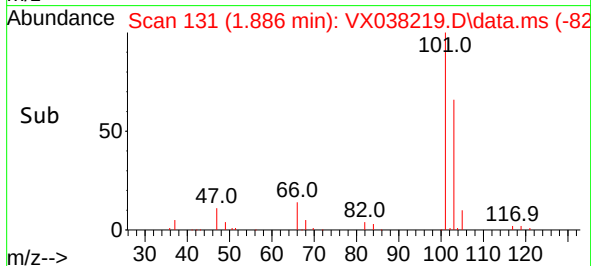
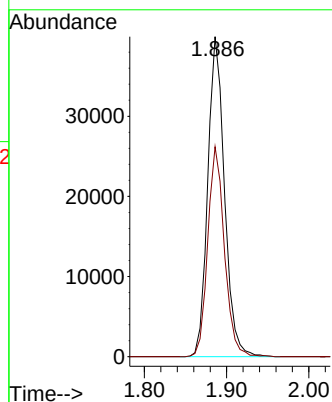
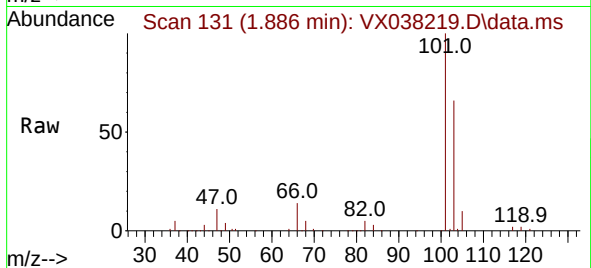
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Trichlorofluoromethane
Concen: 23.621 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion:101 Resp: 5636
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

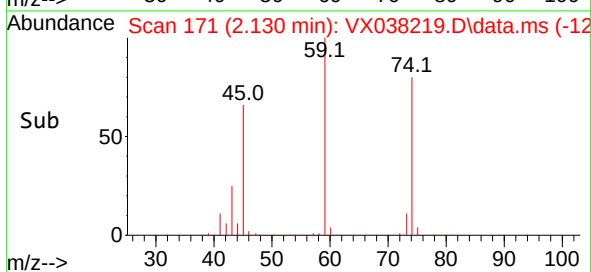
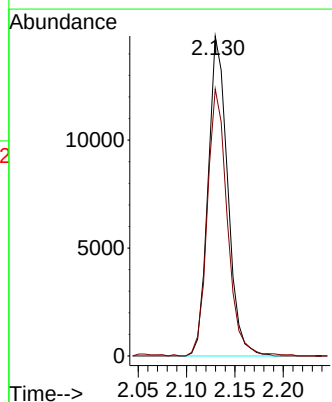
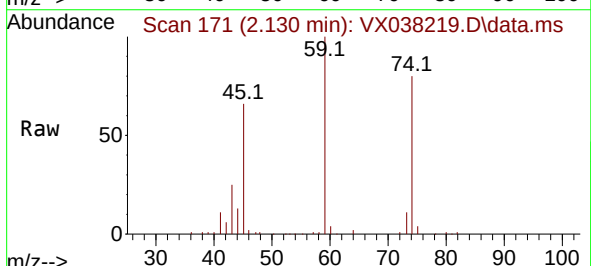
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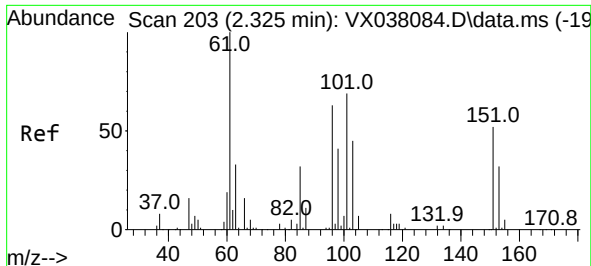
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#8
Diethyl Ether
Concen: 23.468 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion: 74 Resp: 20885
Ion Ratio Lower Upper
74 100
45 85.4 53.3 159.8





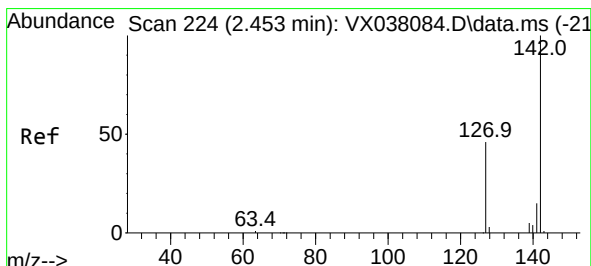
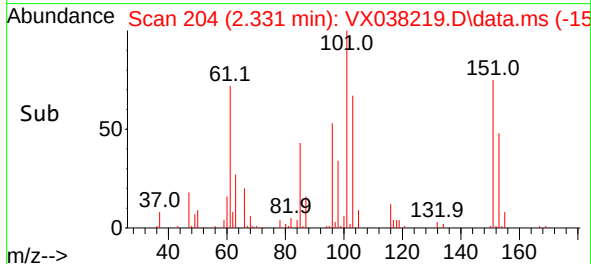
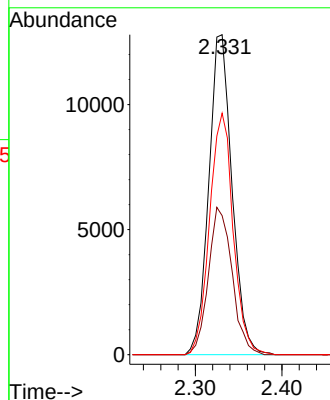
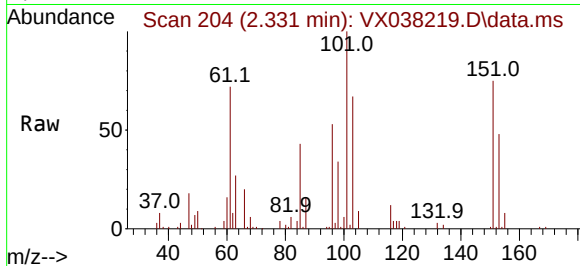
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1,1,2-Trichlorotrifluoroethane
Concen: 22.888 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion:101 Resp: 2384
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 76.7 58.6 87.8

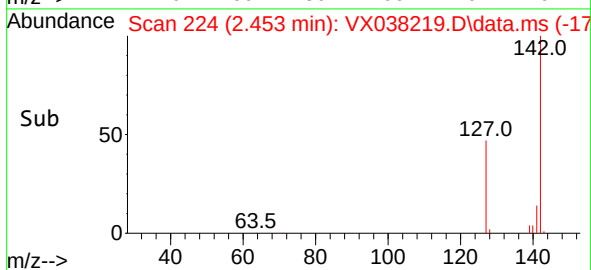
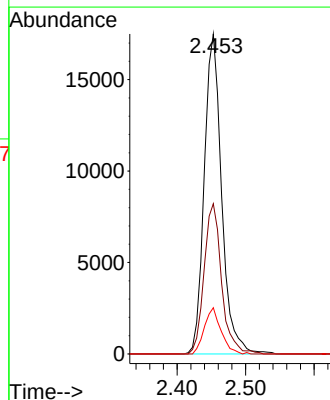
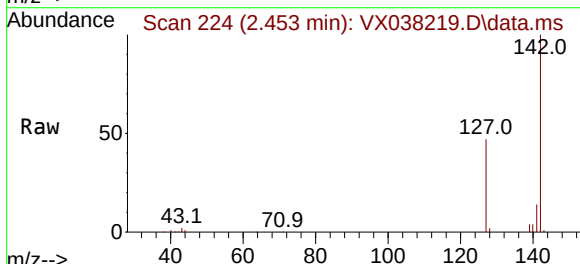
Manual Integrations
APPROVED

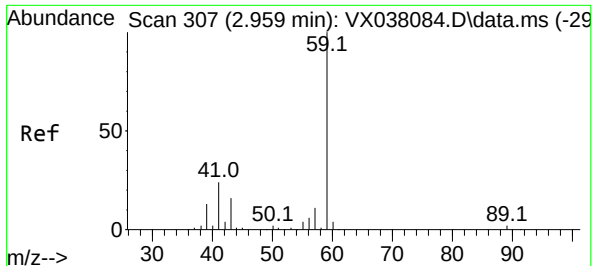
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 20.668 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion:142 Resp: 30978
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 13.8 11.6 17.4





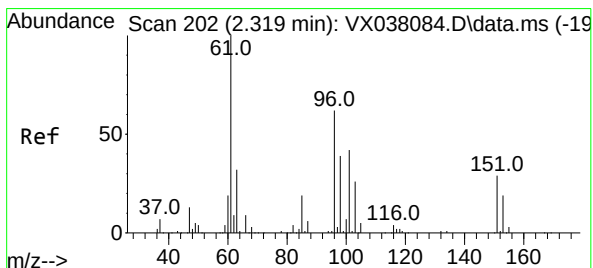
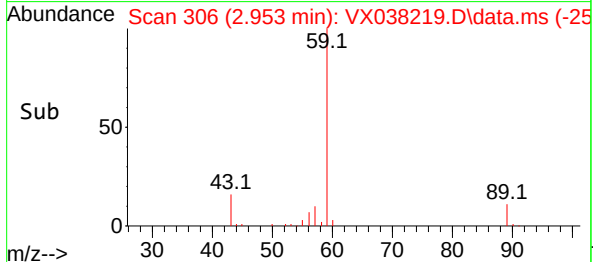
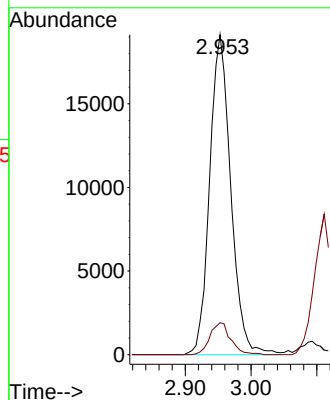
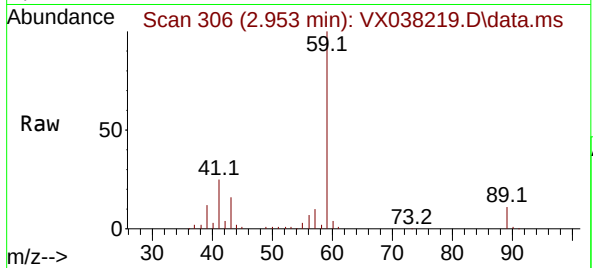
#11
Tert butyl alcohol
Concen: 102.195 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion: 59 Resp: 4276
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

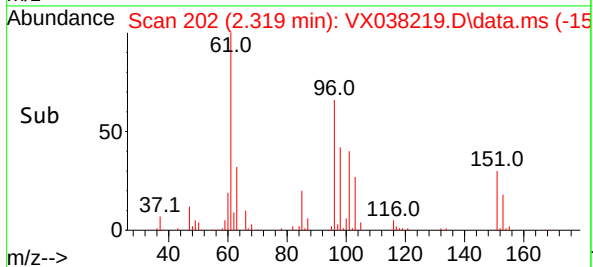
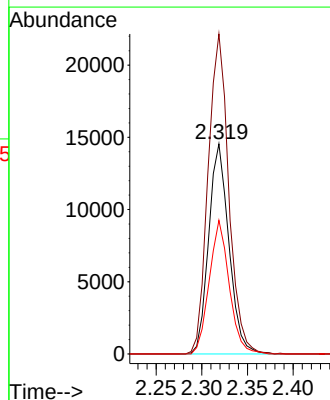
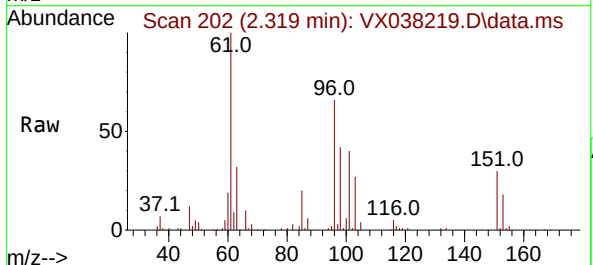
Manual Integrations
APPROVED

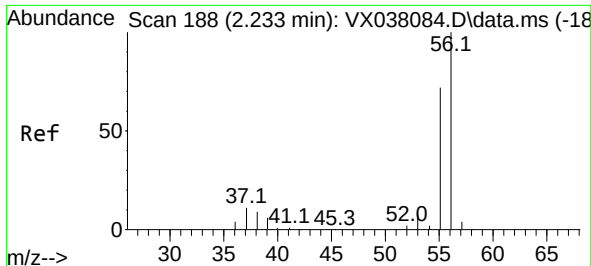
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#12
1,1-Dichloroethene
Concen: 22.037 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

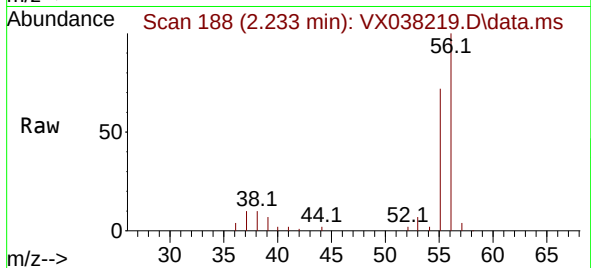
Tgt Ion: 96 Resp: 22330
Ion Ratio Lower Upper
96 100
61 152.3 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 156.383 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

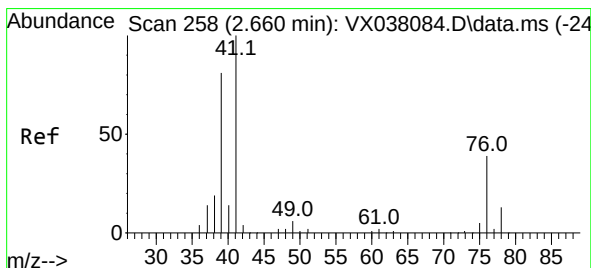
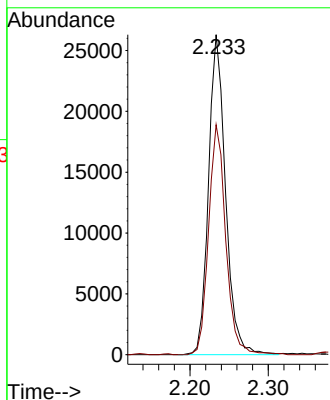
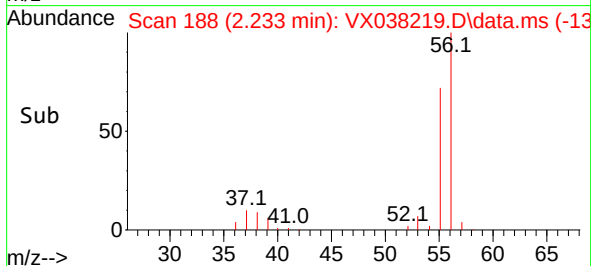
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



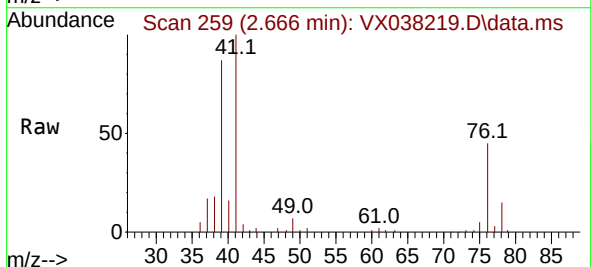
Tgt Ion: 56 Resp: 3960
Ion Ratio Lower Upper
56 100
55 72.7 57.1 85.7

Manual Integrations
APPROVED

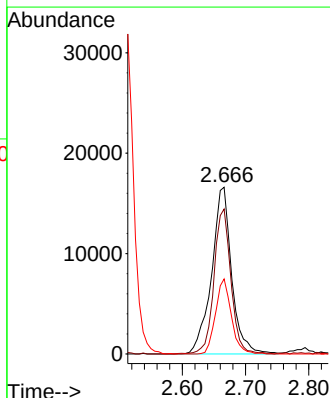
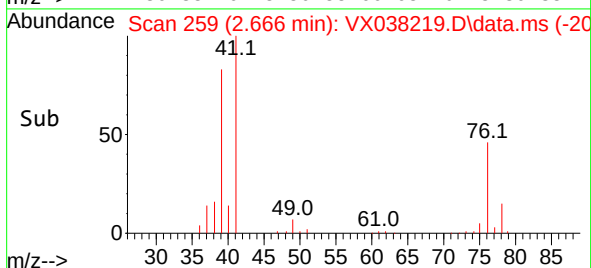
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

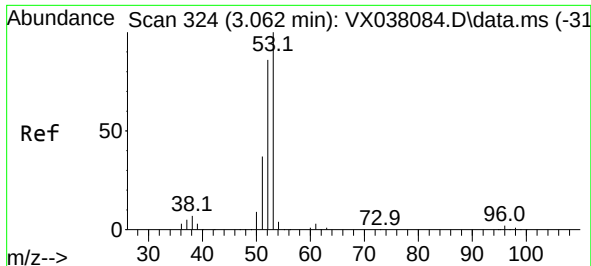


#14
Allyl chloride
Concen: 20.236 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17



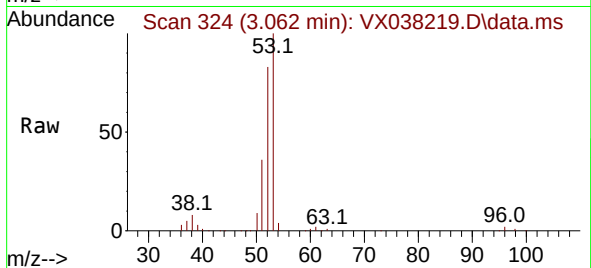
Tgt Ion: 41 Resp: 36676
Ion Ratio Lower Upper
41 100
39 73.4 55.8 83.6
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 112.071 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

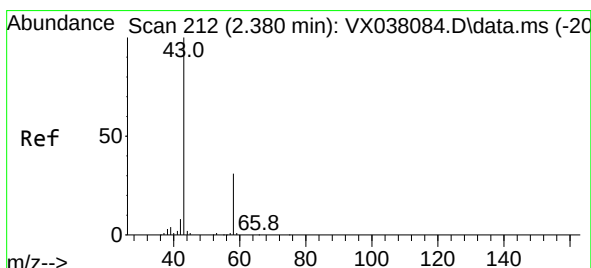
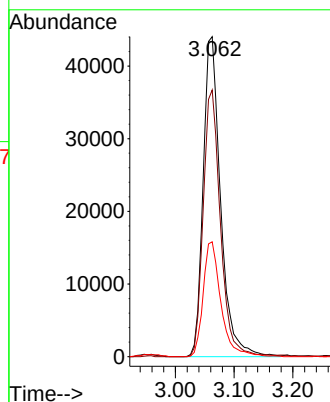
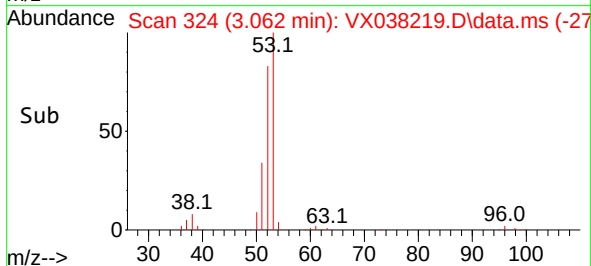
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 53 Resp: 9085
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 36.6 29.8 44.6

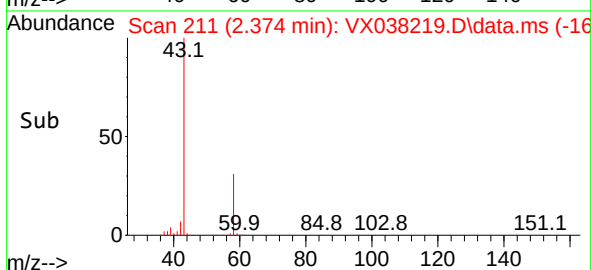
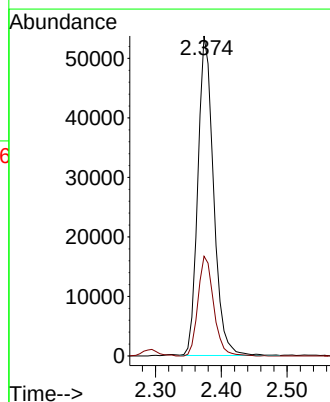
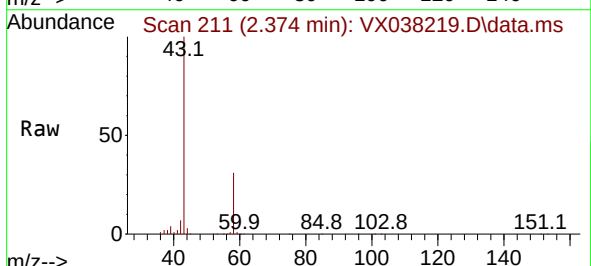
Manual Integrations
APPROVED

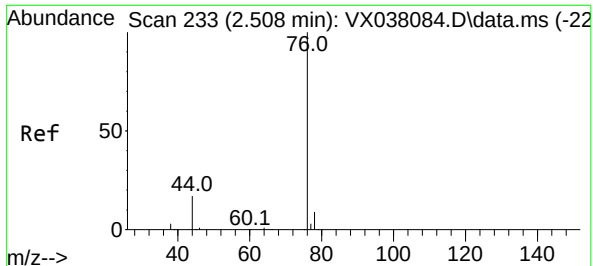
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 119.336 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion: 43 Resp: 88722
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





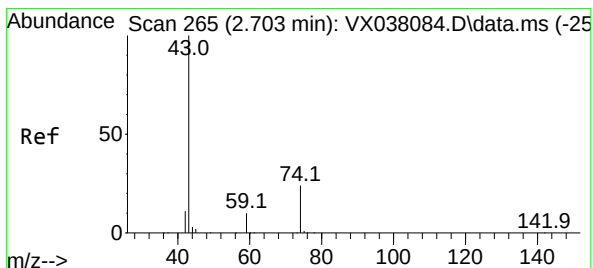
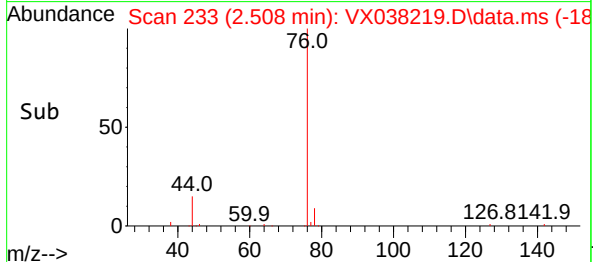
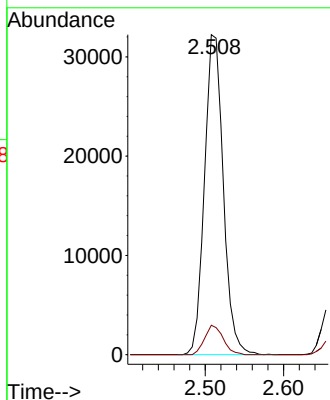
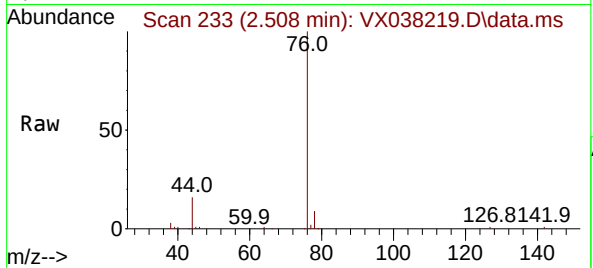
#17
Carbon Disulfide
Concen: 18.373 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion: 76 Resp: 53659
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

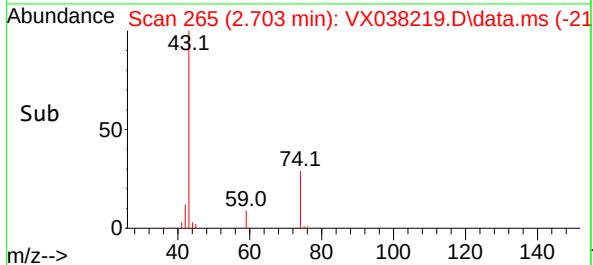
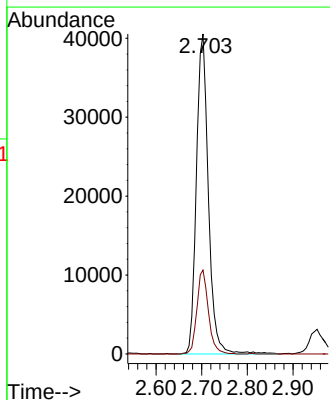
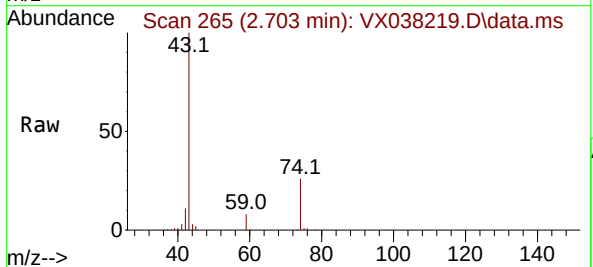
Manual Integrations
APPROVED

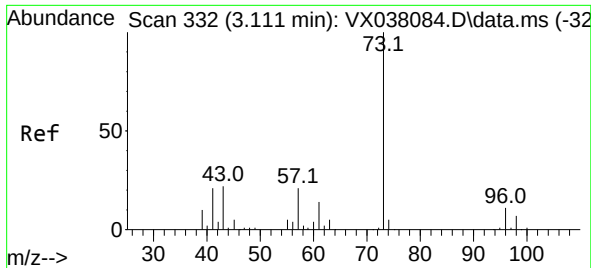
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#18
Methyl Acetate
Concen: 23.189 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion: 43 Resp: 73931
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8





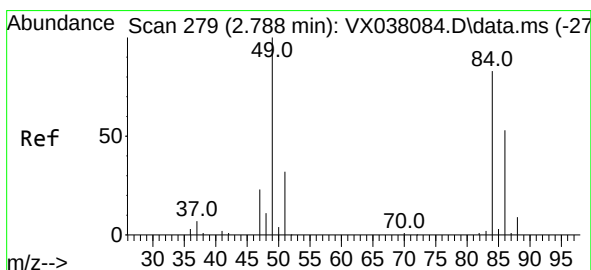
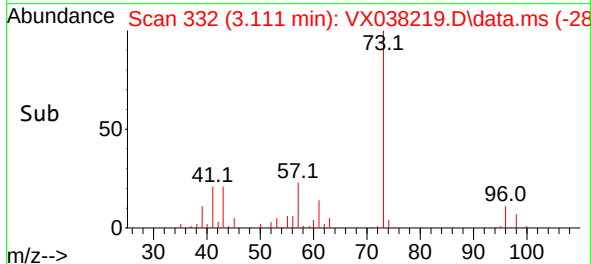
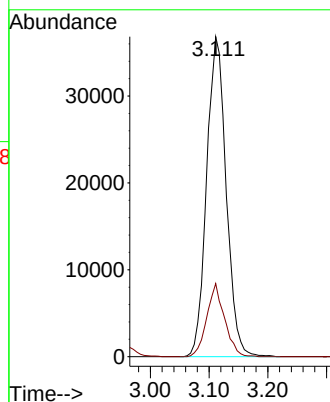
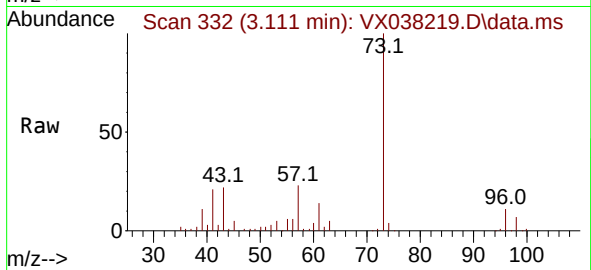
#19
Methyl tert-butyl Ether
Concen: 21.087 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion: 73 Resp: 8510
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

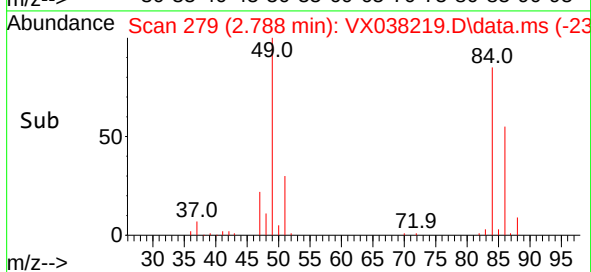
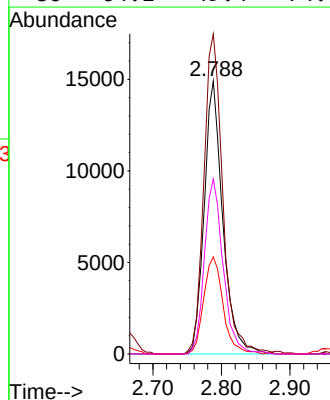
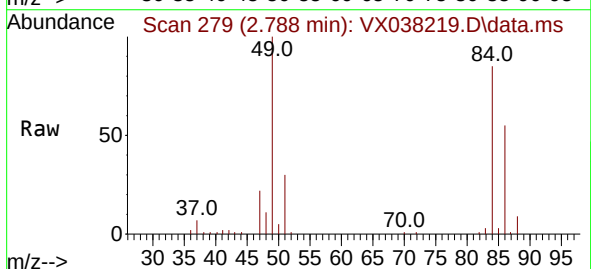
Manual Integrations
APPROVED

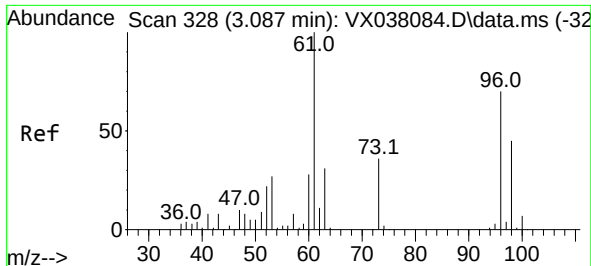
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 20.134 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

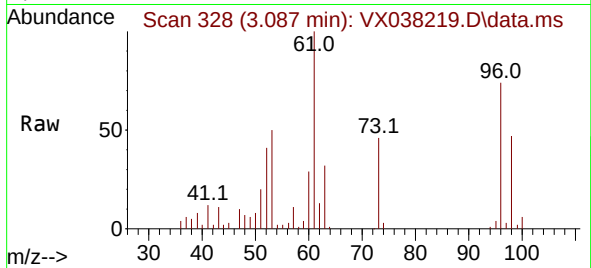
Tgt Ion: 84 Resp: 28156
Ion Ratio Lower Upper
84 100
49 117.2 103.6 155.4
51 35.5 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.774 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

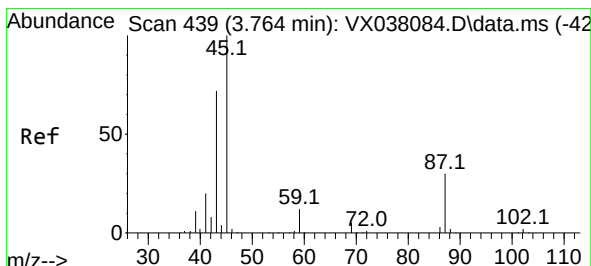
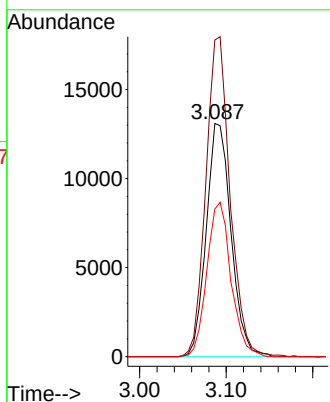
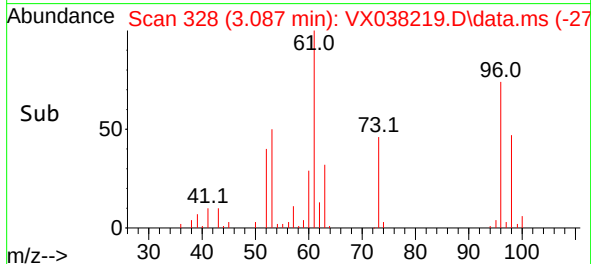
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 96 Resp: 2606
Ion Ratio Lower Upper
96 100
61 135.9 119.2 178.8
98 63.4 48.7 73.1

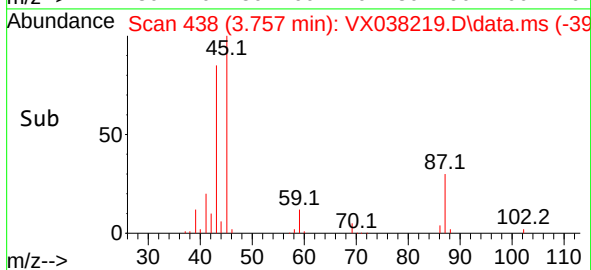
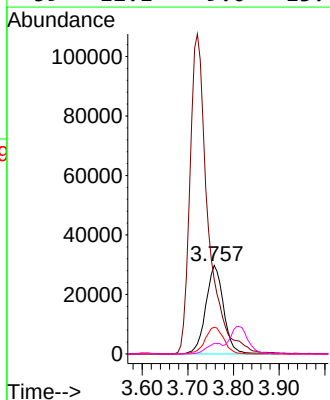
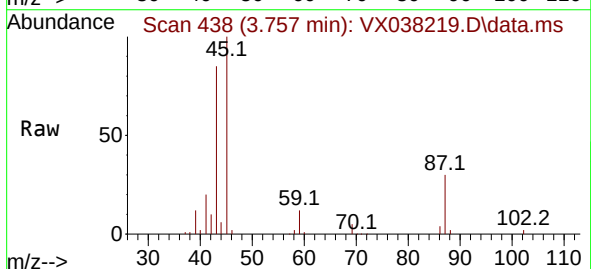
Manual Integrations
APPROVED

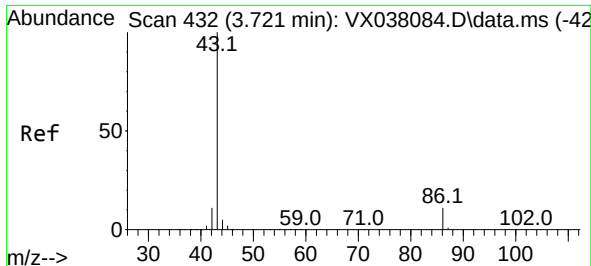
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#22
Diisopropyl ether
Concen: 21.265 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

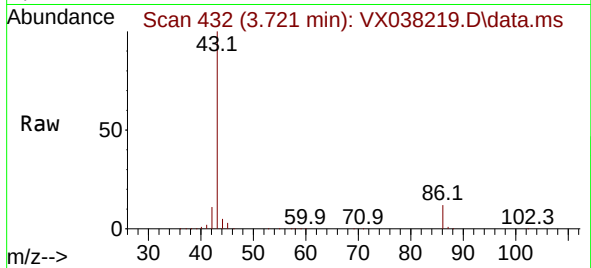
Tgt Ion: 45 Resp: 80777
Ion Ratio Lower Upper
45 100
43 83.3 69.7 104.5
87 30.2 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 106.513 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038219.D
 Acq: 11 Oct 2023 11:17

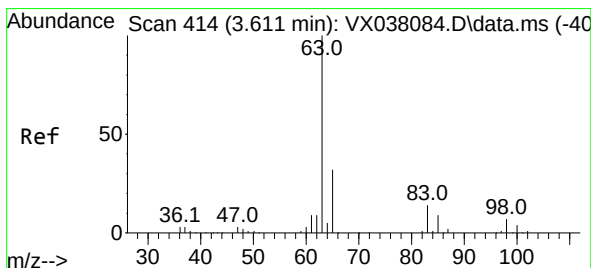
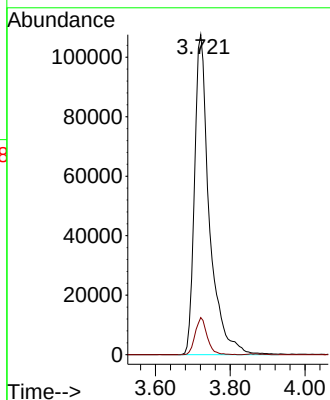
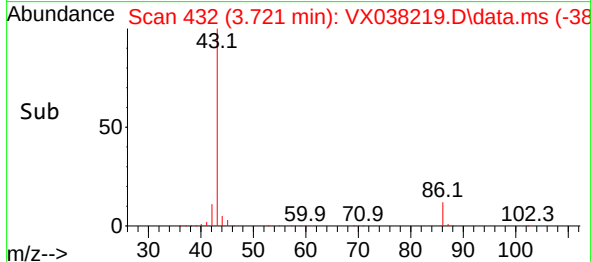
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBSD01



Tgt Ion: 43 Resp: 296714
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

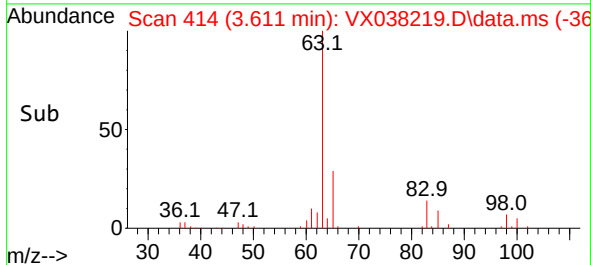
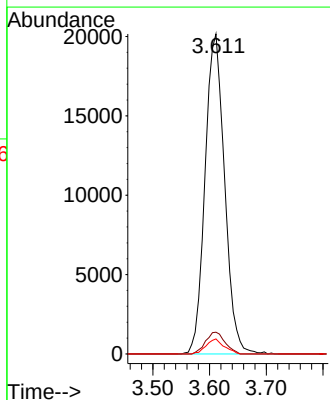
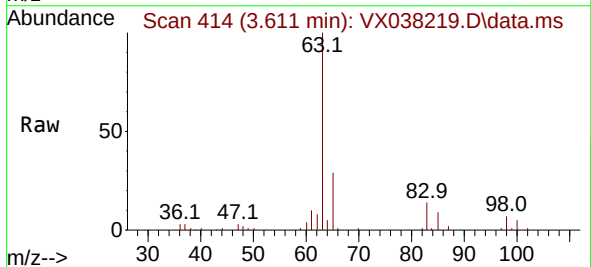
Manual Integrations
 APPROVED

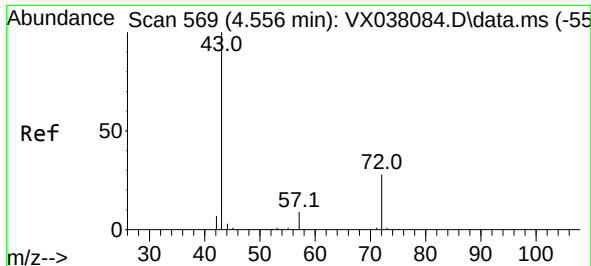
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#24
 1,1-Dichloroethane
 Concen: 20.937 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038219.D
 Acq: 11 Oct 2023 11:17

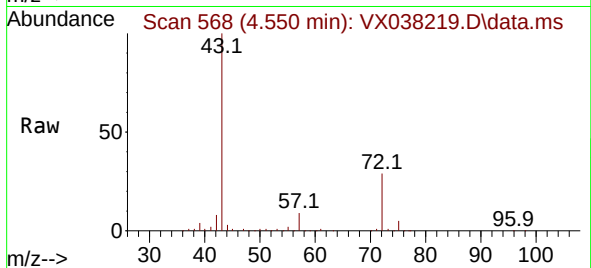
Tgt Ion: 63 Resp: 48266
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 110.635 ug/l
RT: 4.550 min Scan# 501
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

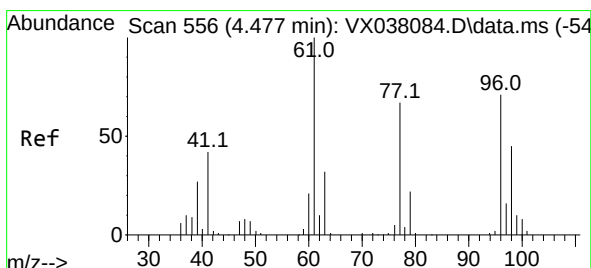
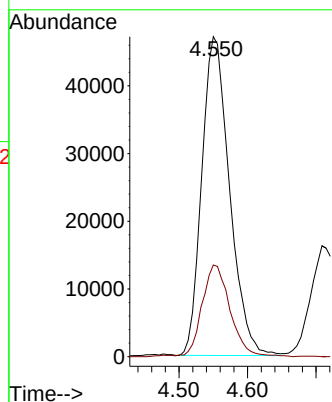
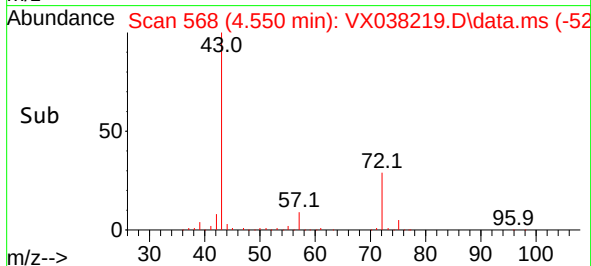
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 43 Resp: 13271
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

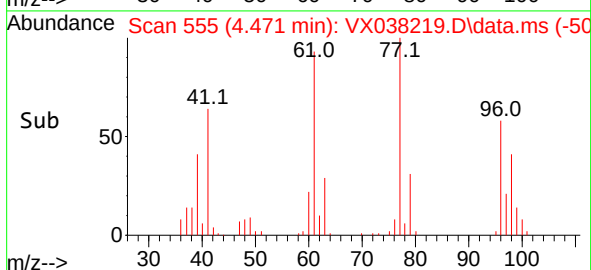
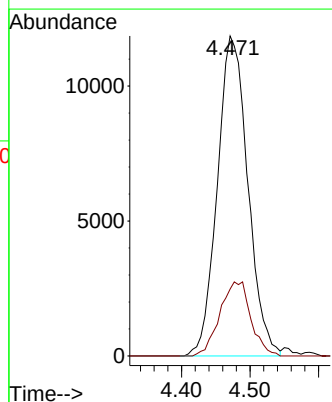
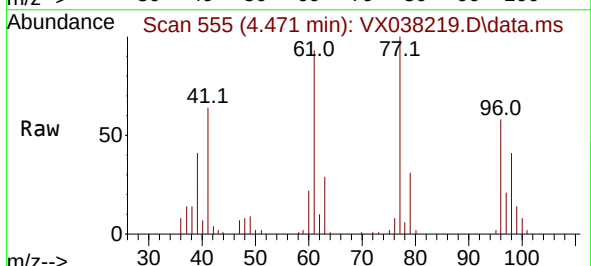
Manual Integrations
APPROVED

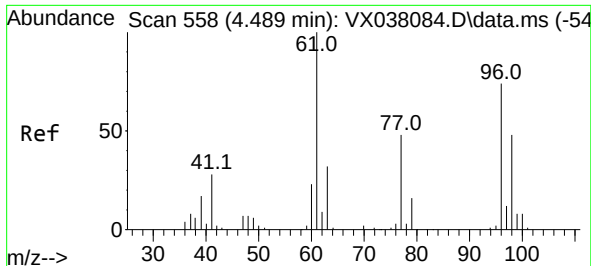
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#26
2,2-Dichloropropane
Concen: 20.349 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion: 77 Resp: 36625
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.170 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 96 Resp: 3163

Ion Ratio Lower Upper

96 100

61 139.3 0.0 312.2

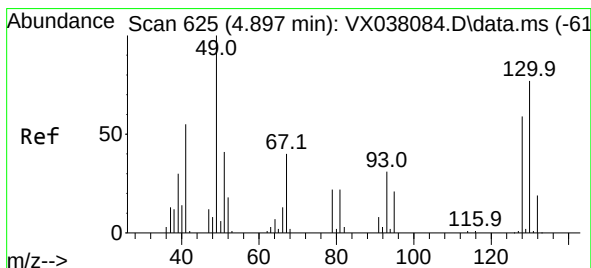
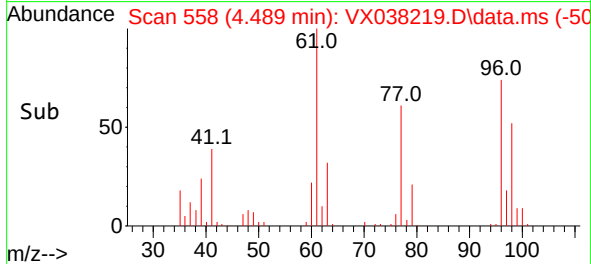
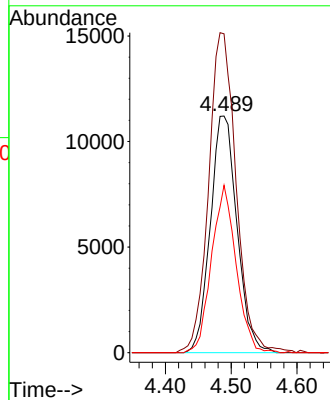
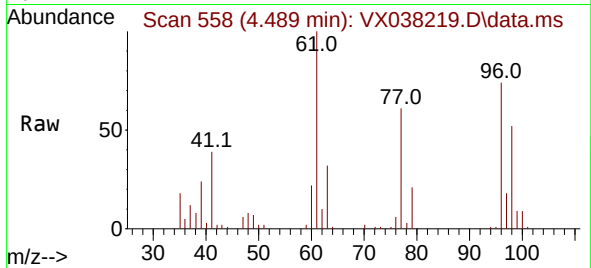
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#28

Bromochloromethane

Concen: 21.521 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

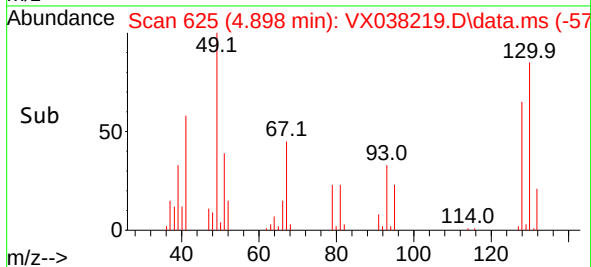
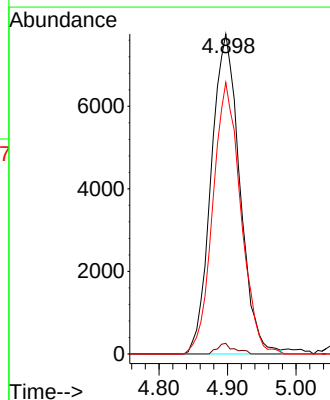
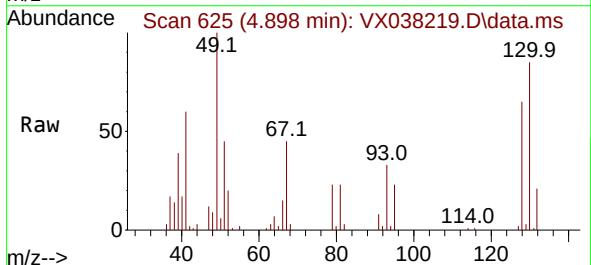
Tgt Ion: 49 Resp: 22396

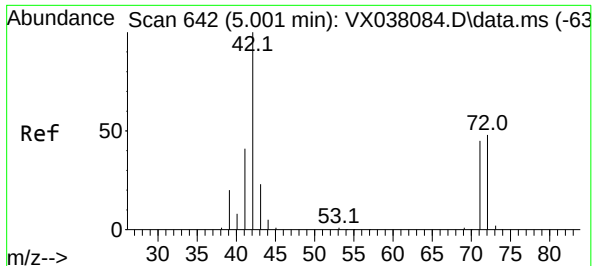
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 82.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 108.855 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

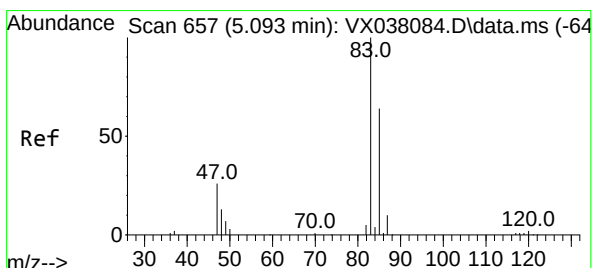
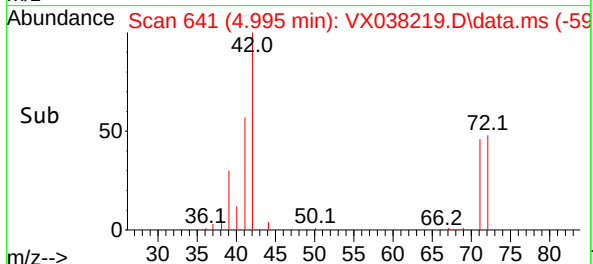
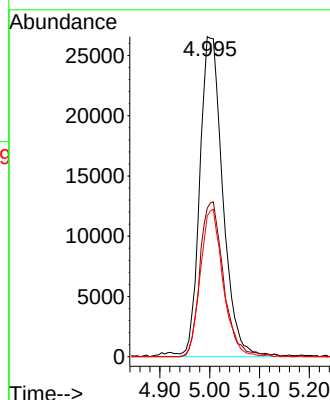
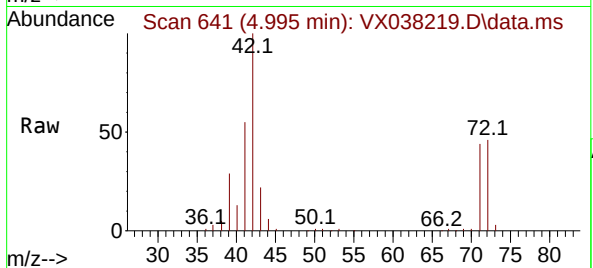
Tgt Ion:	42	Resp:	85014
Ion	Ratio	Lower	Upper
42	100		
72	49.8	34.2	51.4
71	45.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#30

Chloroform

Concen: 21.182 ug/l

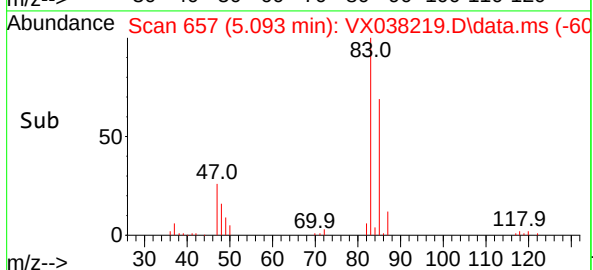
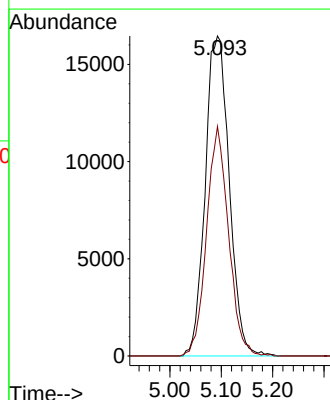
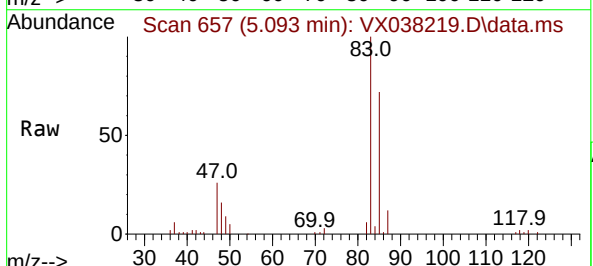
RT: 5.093 min Scan# 657

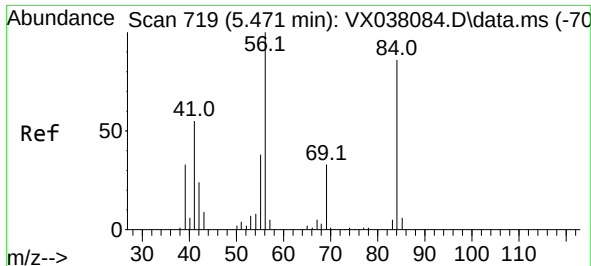
Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

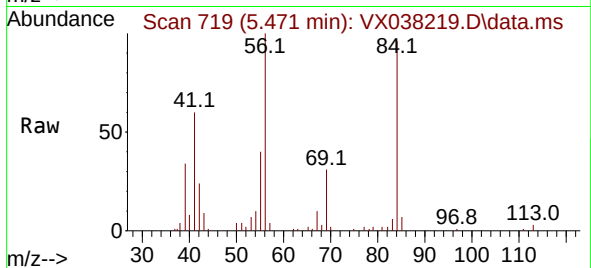
Tgt Ion:	83	Resp:	53398
Ion	Ratio	Lower	Upper
83	100		
85	71.7	50.3	75.5





#31
Cyclohexane
Concen: 20.224 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

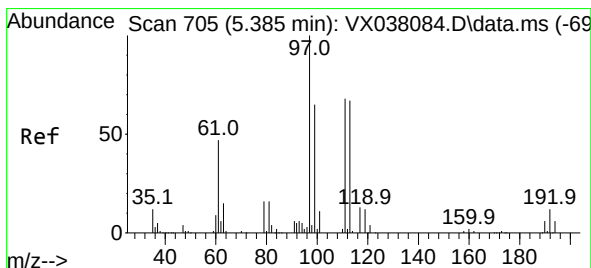
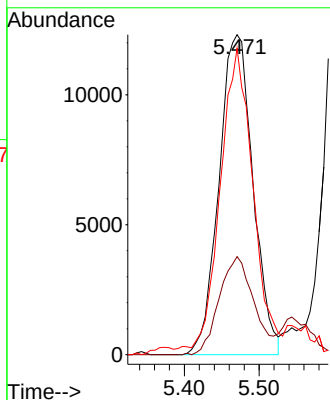
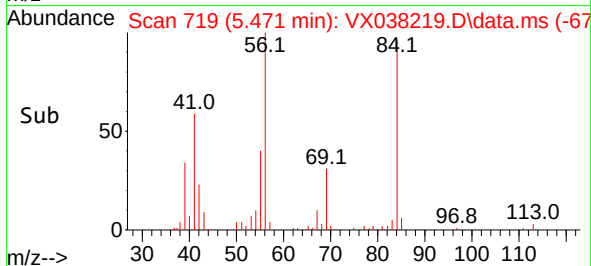
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



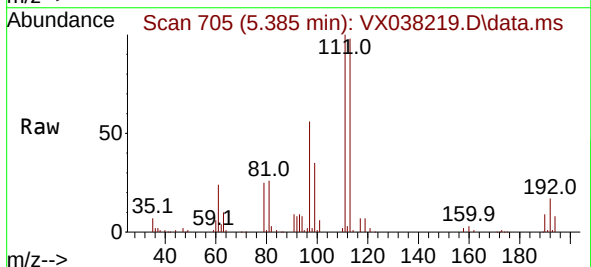
Tgt Ion: 56 Resp: 3903
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 93.8 65.9 98.9

Manual Integrations
APPROVED

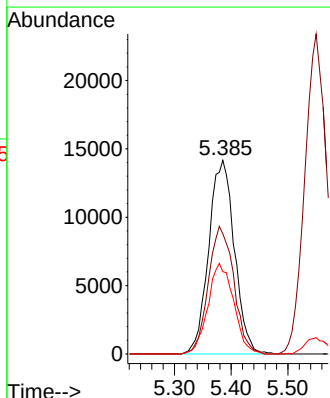
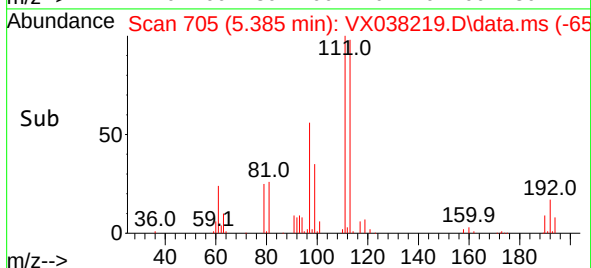
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

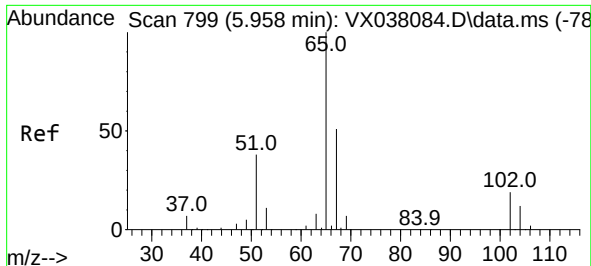


#32
1,1,1-Trichloroethane
Concen: 20.642 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17



Tgt Ion: 97 Resp: 44570
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 46.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.340 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 65 Resp: 95019

Ion Ratio Lower Upper

65 100

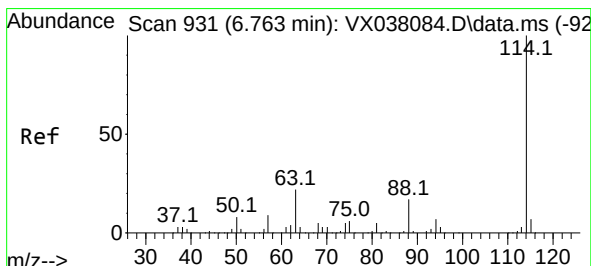
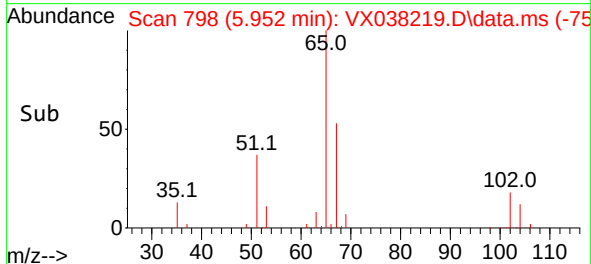
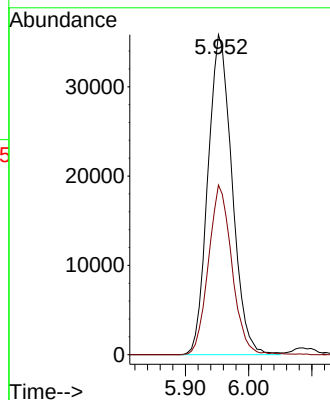
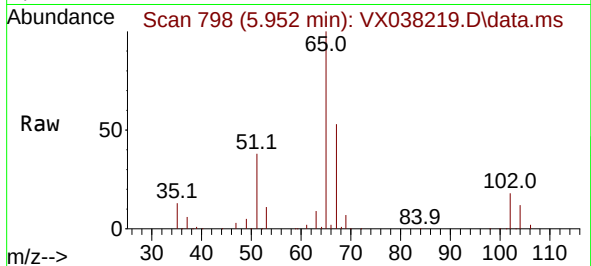
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

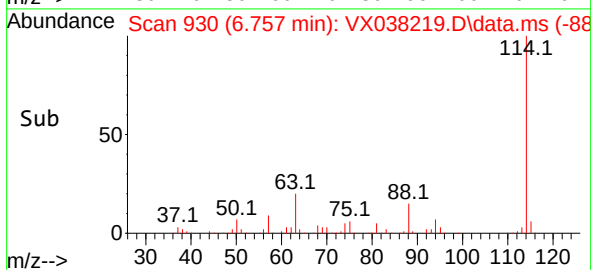
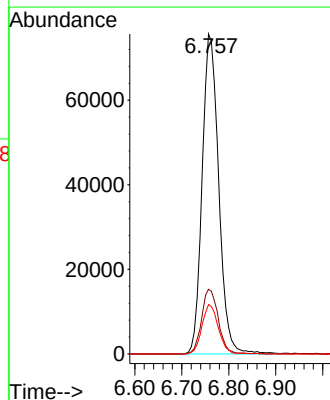
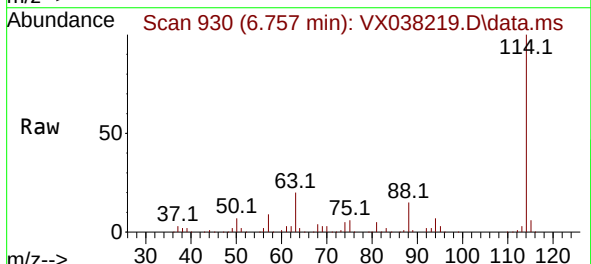
Tgt Ion:114 Resp: 185006

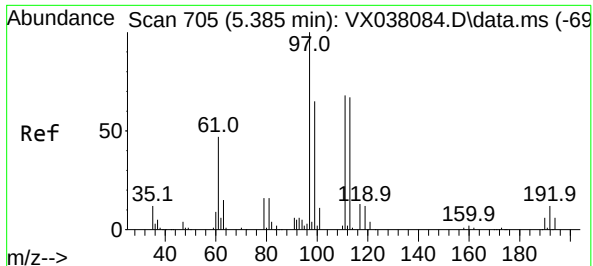
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

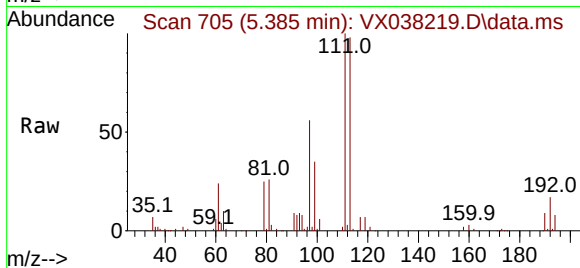
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 55.002 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

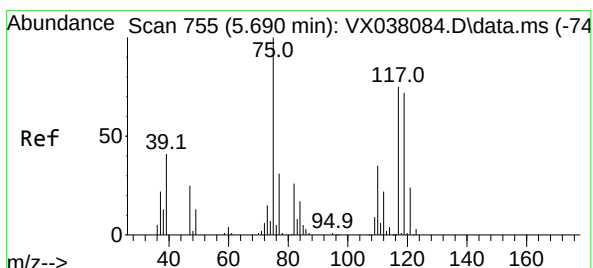
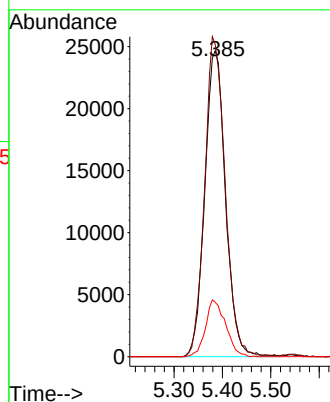
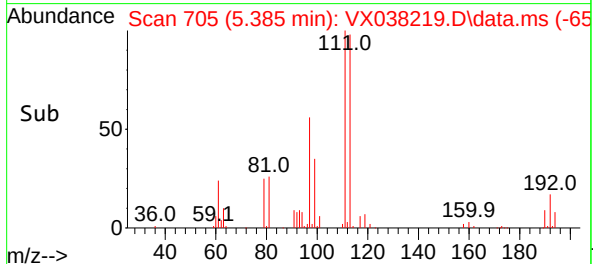
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 113 Resp: 7332
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.0 13.3 19.9

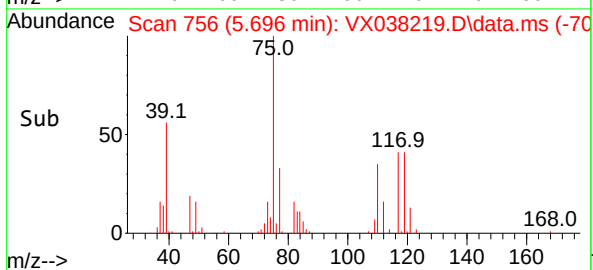
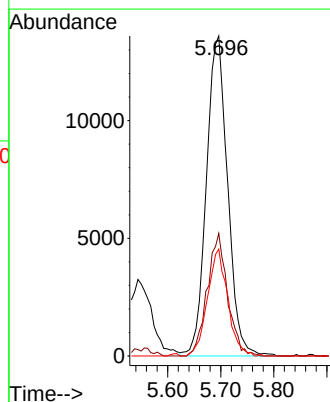
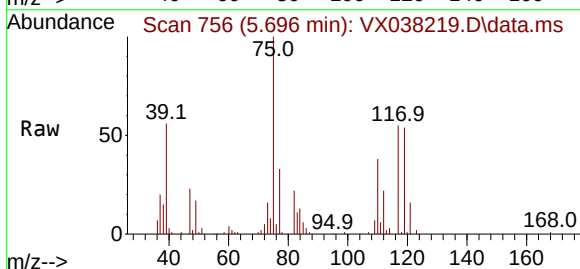
Manual Integrations
APPROVED

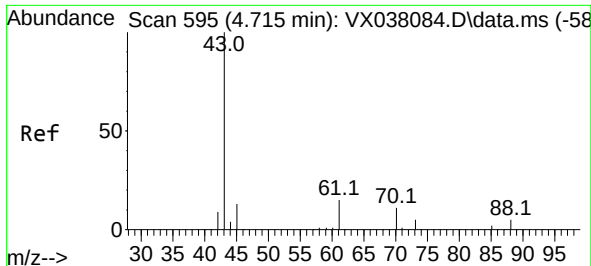
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#36
1,1-Dichloropropene
Concen: 20.611 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

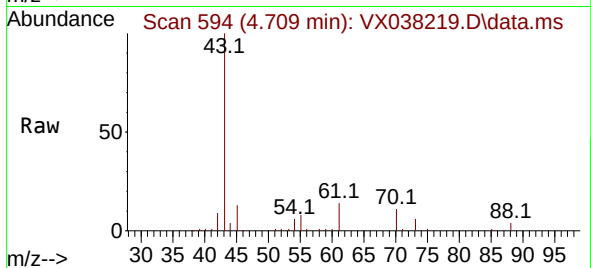
Tgt Ion: 75 Resp: 37889
Ion Ratio Lower Upper
75 100
110 36.5 17.0 50.9
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 21.985 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

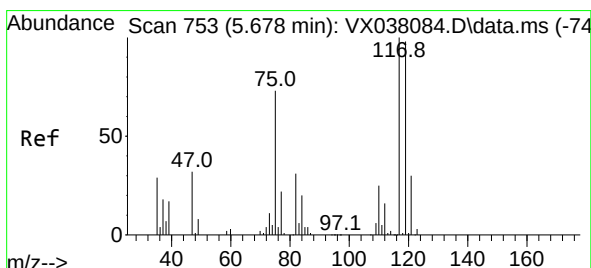
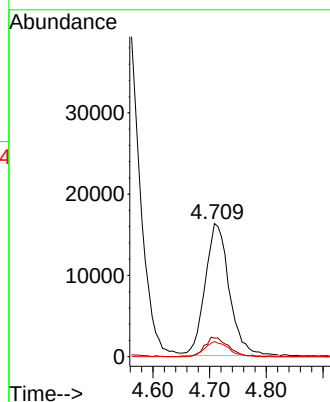
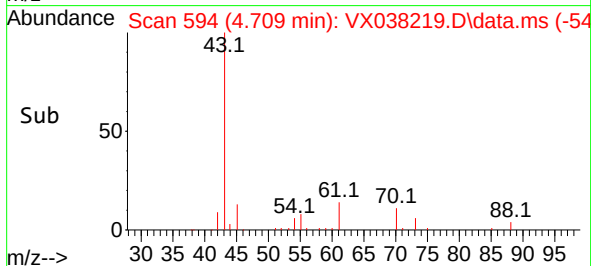
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 43 Resp: 47999
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 11.3 8.3 12.5

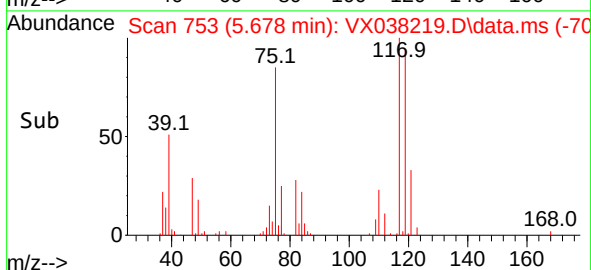
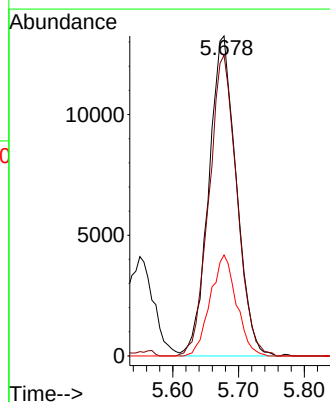
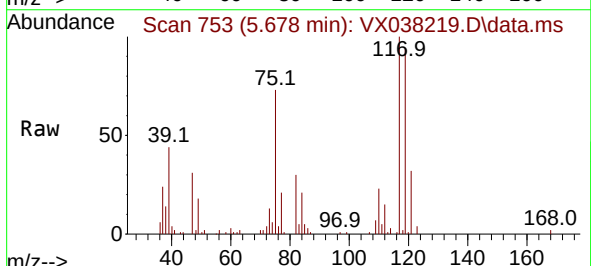
Manual Integrations
APPROVED

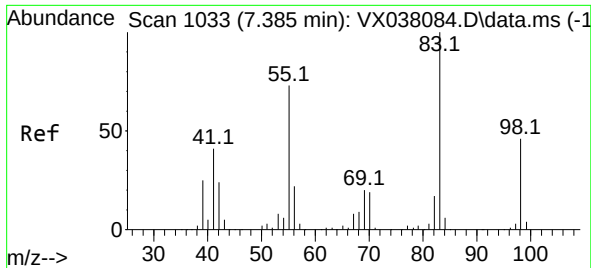
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#38
Carbon Tetrachloride
Concen: 21.340 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

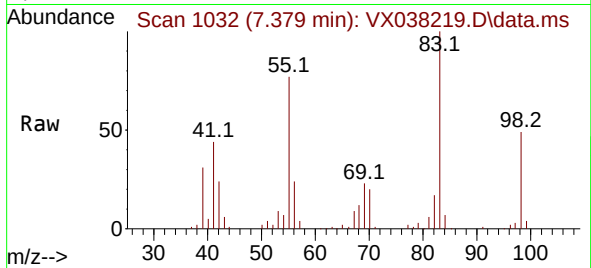
Tgt Ion:117 Resp: 38591
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 31.5 24.4 36.6





#39
Methylcyclohexane
Concen: 21.204 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

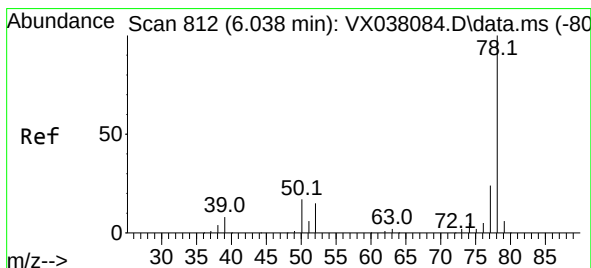
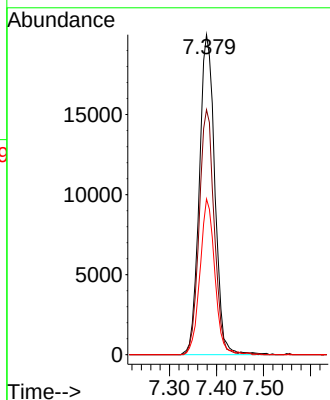
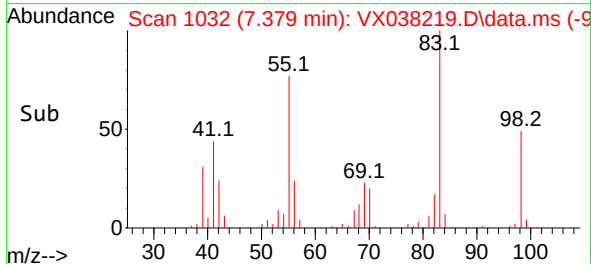
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 83 Resp: 45658
Ion Ratio Lower Upper
83 100
55 76.6 64.6 97.0
98 48.7 36.7 55.1

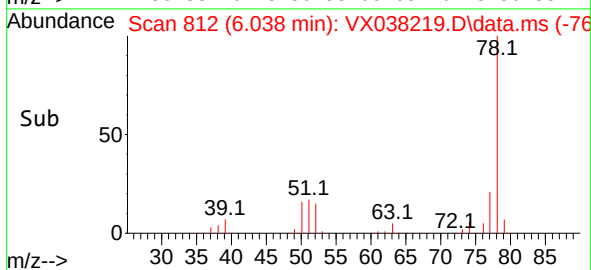
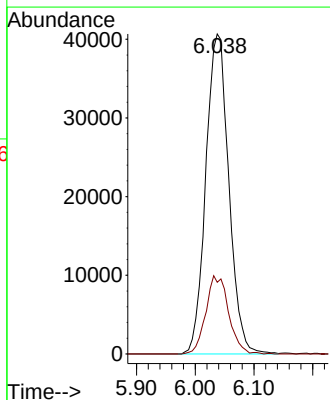
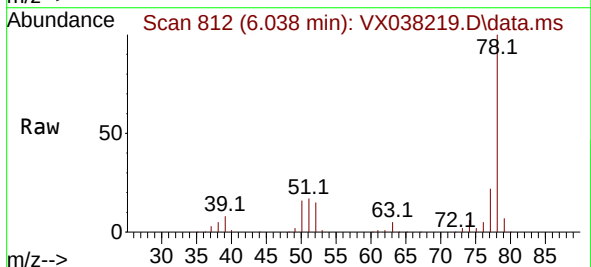
Manual Integrations
APPROVED

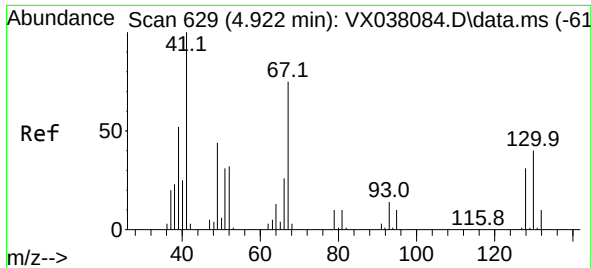
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#40
Benzene
Concen: 21.516 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

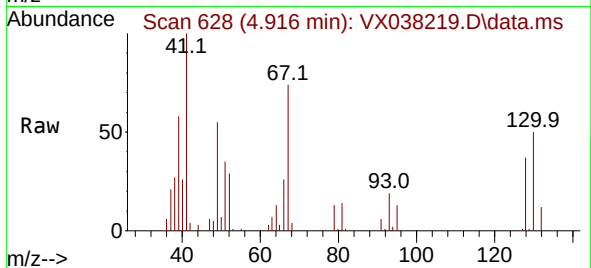
Tgt Ion: 78 Resp: 110626
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 21.950 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

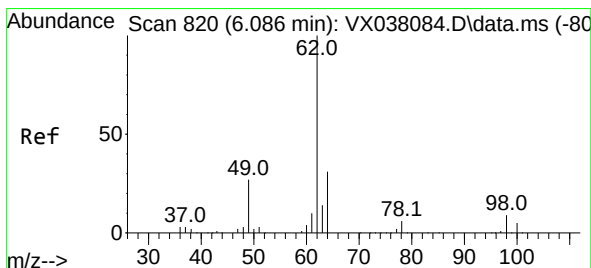
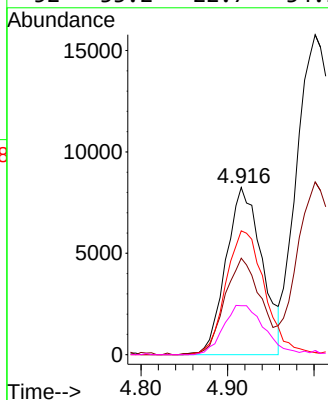
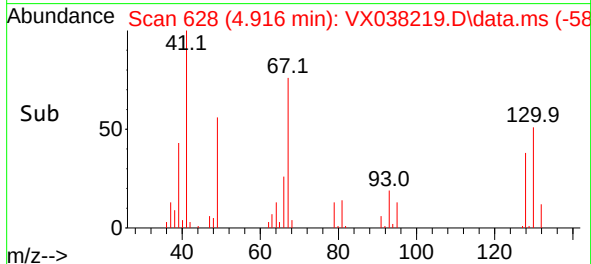
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 41 Resp: 23840
Ion Ratio Lower Upper
41 100
39 57.0 45.2 67.8
67 80.1 52.6 78.8
52 33.2 22.7 34.1

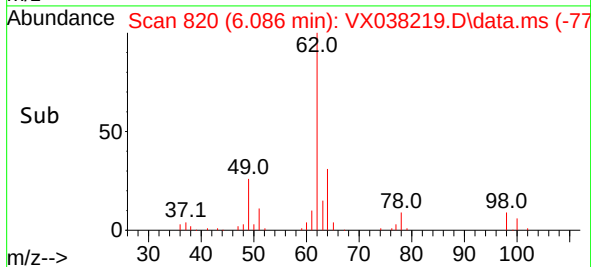
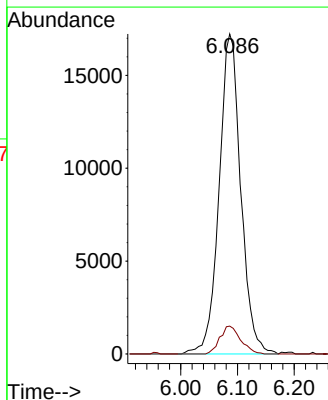
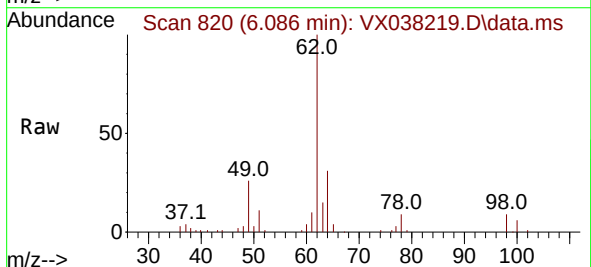
Manual Integrations
APPROVED

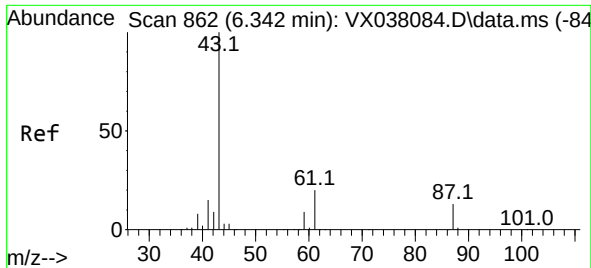
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#42
1,2-Dichloroethane
Concen: 22.219 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

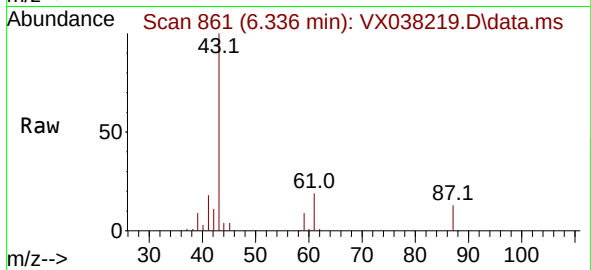
Tgt Ion: 62 Resp: 45644
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 21.413 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

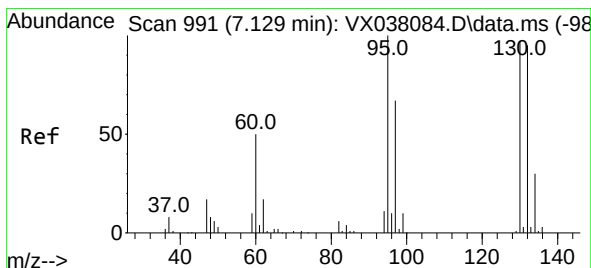
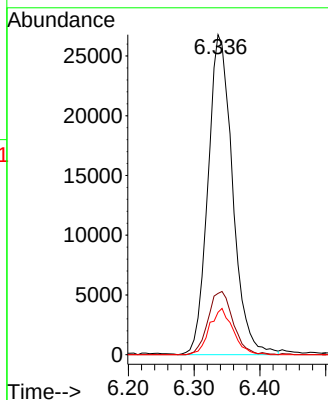
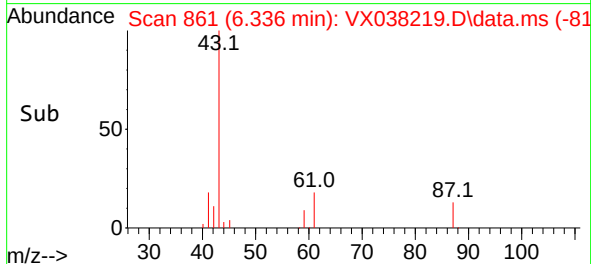
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 43 Resp: 6979
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.8 9.8 14.6

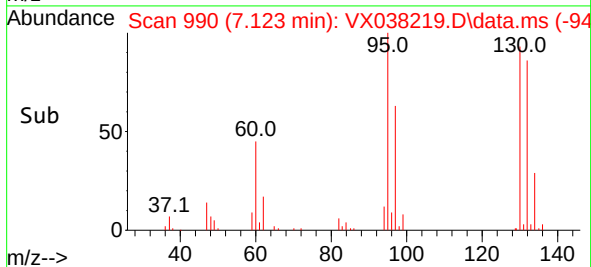
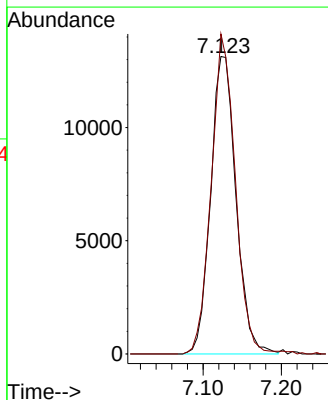
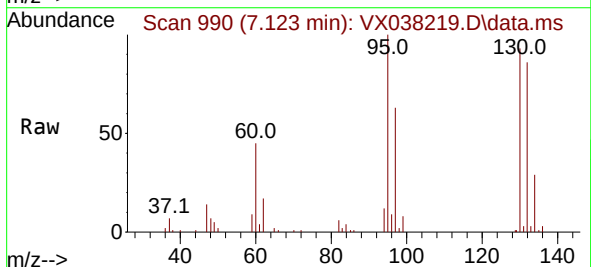
Manual Integrations
APPROVED

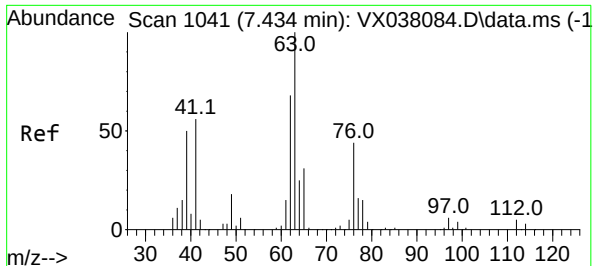
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#44
Trichloroethene
Concen: 21.997 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion:130 Resp: 29582
Ion Ratio Lower Upper
130 100
95 107.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.863 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 63 Resp: 29094

Ion Ratio Lower Upper

63 100

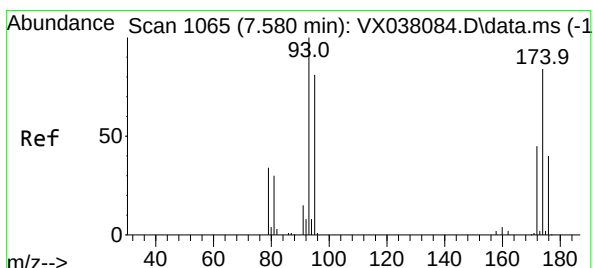
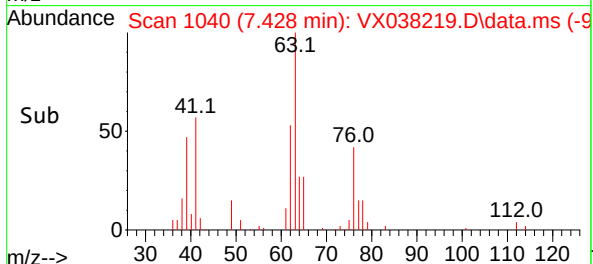
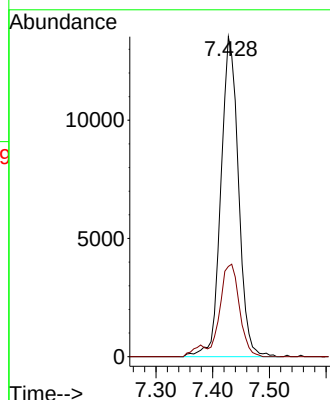
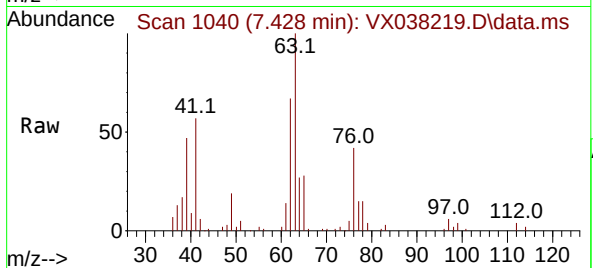
65 28.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 22.246 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

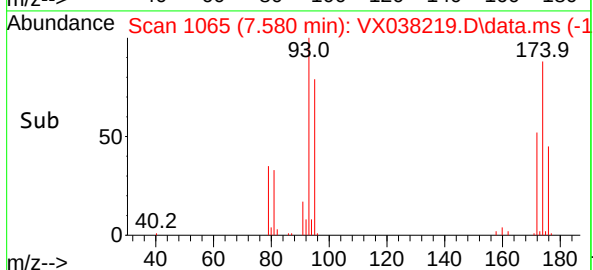
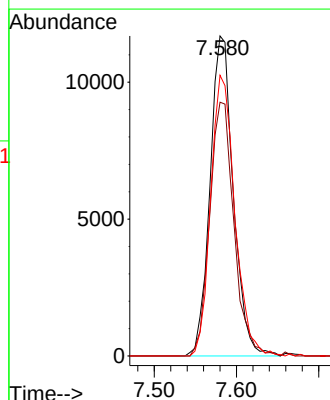
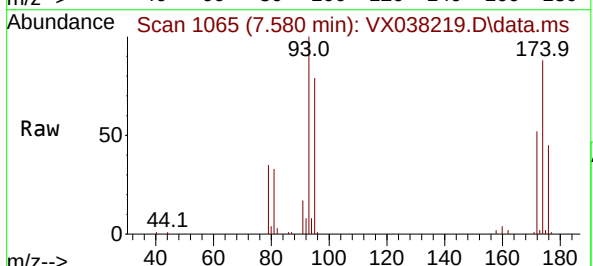
Tgt Ion: 93 Resp: 22961

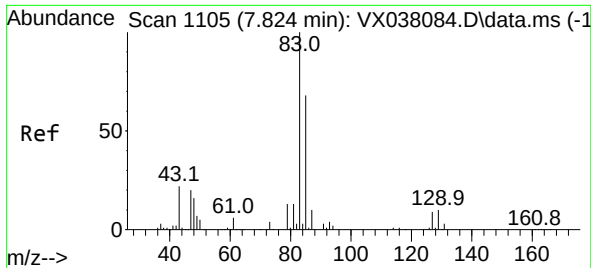
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 91.0 69.4 104.0





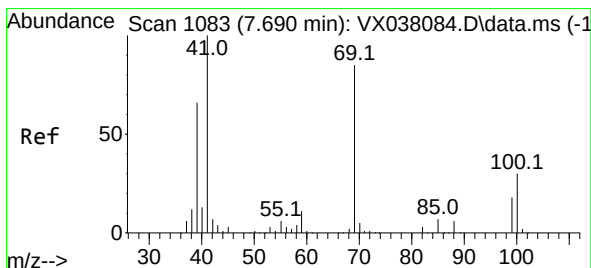
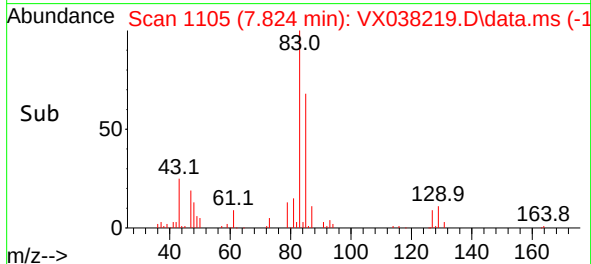
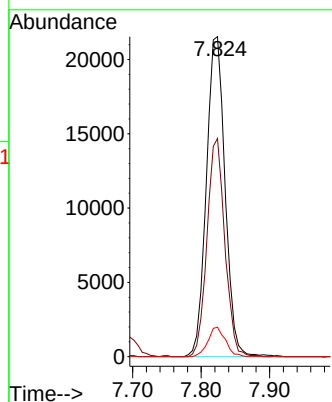
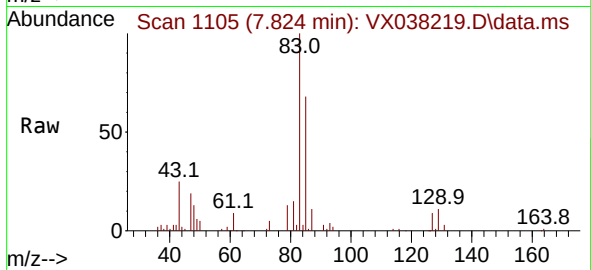
#47
Bromodichloromethane
Concen: 22.294 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion: 83 Resp: 4093
Ion Ratio Lower Upper
83 100
85 68.2 49.8 74.6
127 9.2 7.1 10.7

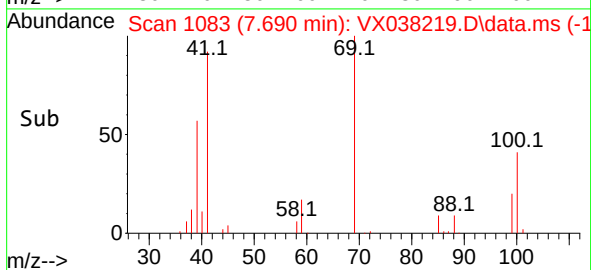
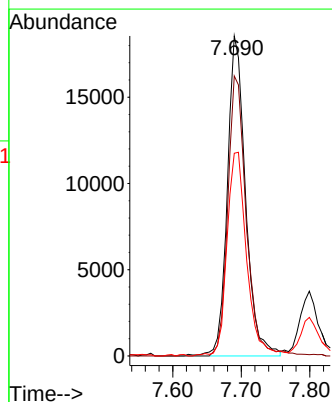
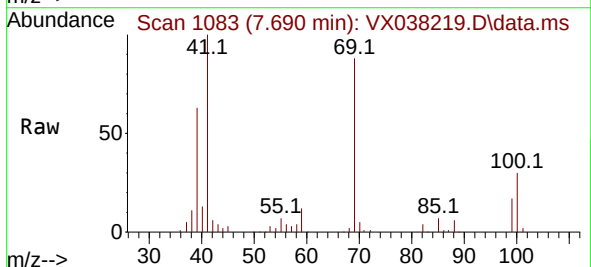
Manual Integrations
APPROVED

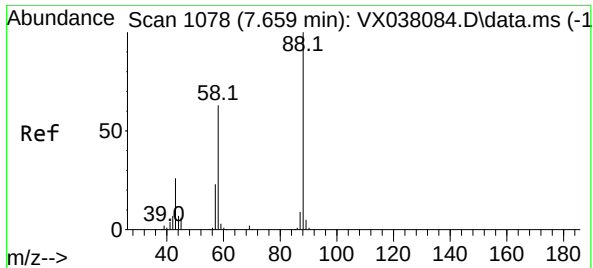
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#48
Methyl methacrylate
Concen: 21.937 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

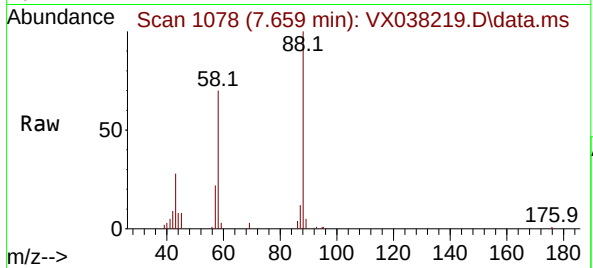
Tgt Ion: 41 Resp: 34132
Ion Ratio Lower Upper
41 100
69 89.4 59.2 88.8#
39 68.7 47.7 71.5





#49
1,4-Dioxane
Concen: 452.314 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

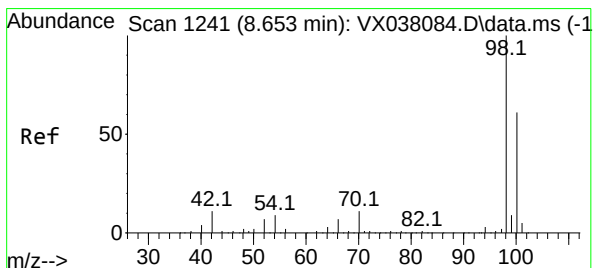
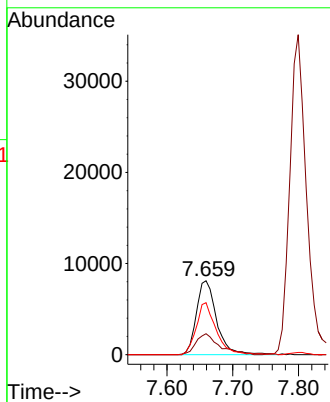
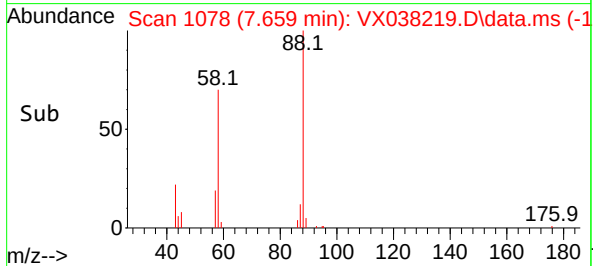
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 88 Resp: 17342
Ion Ratio Lower Upper
88 100
43 32.3 0.0 0.0
58 69.3 60.1 90.1

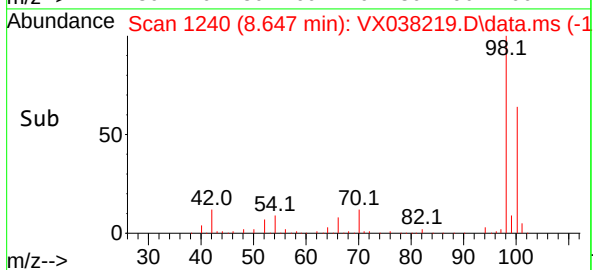
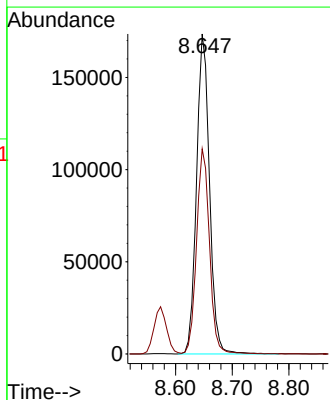
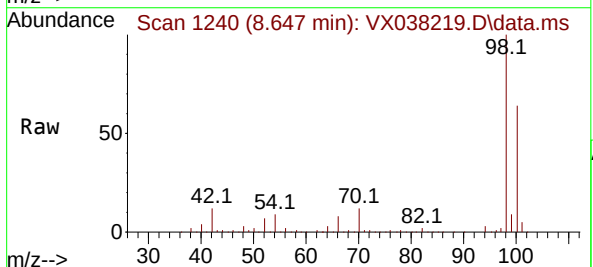
Manual Integrations
APPROVED

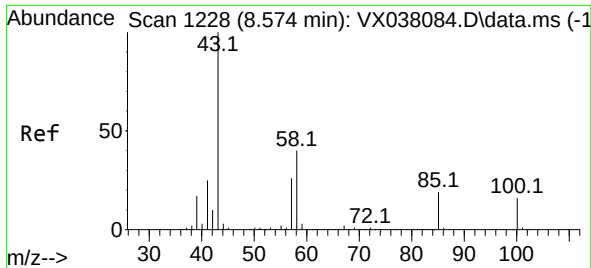
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#50
Toluene-d8
Concen: 54.048 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

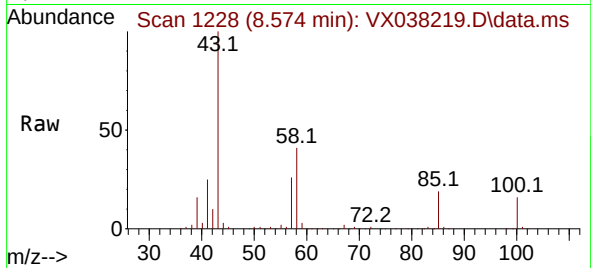
Tgt Ion: 98 Resp: 275323
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 114.903 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

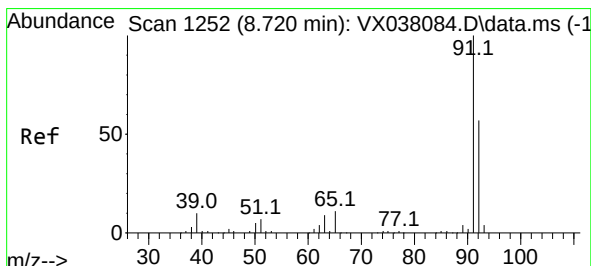
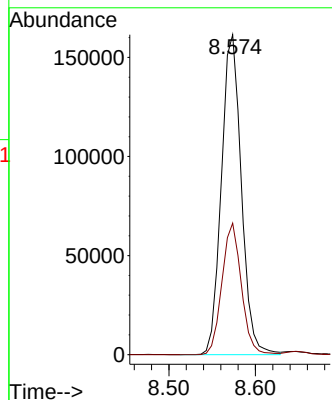
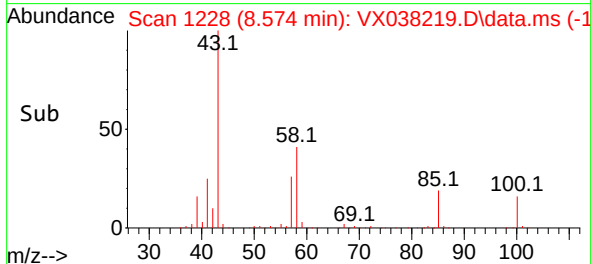
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



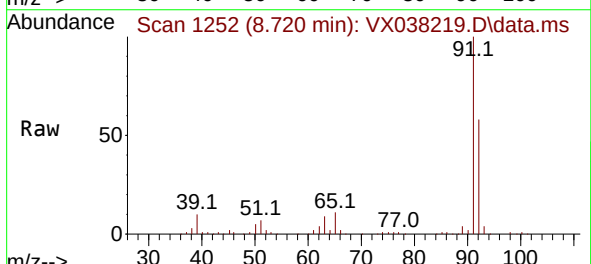
Tgt Ion: 43 Resp: 258310
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

Manual Integrations
APPROVED

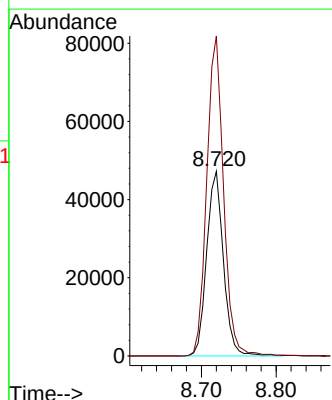
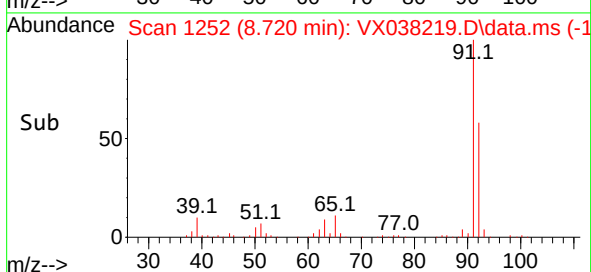
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

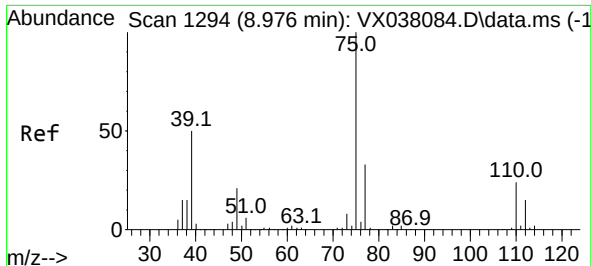


#52
Toluene
Concen: 21.975 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17



Tgt Ion: 92 Resp: 73602
Ion Ratio Lower Upper
92 100
91 174.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 21.160 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 75 Resp: 41704

Ion Ratio Lower Upper

75 100

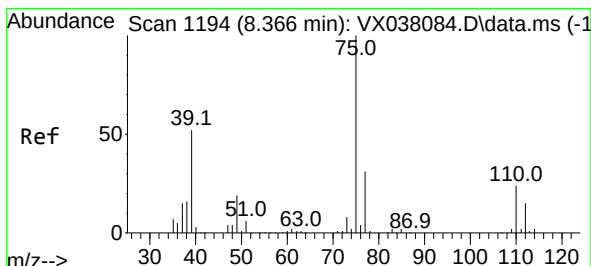
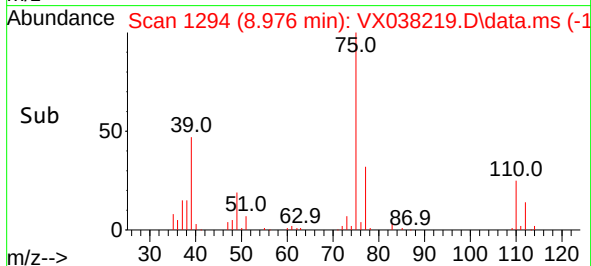
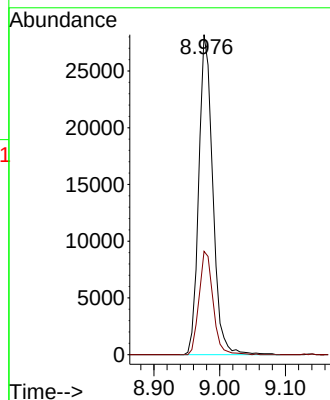
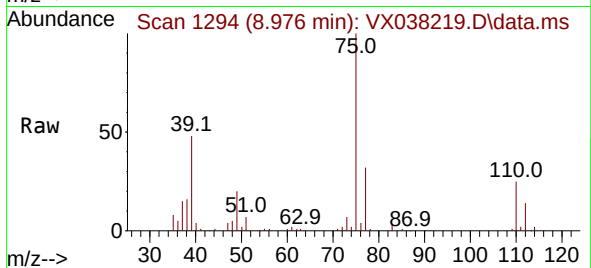
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#54

cis-1,3-Dichloropropene

Concen: 21.463 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

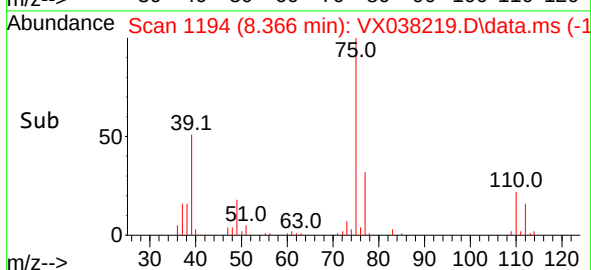
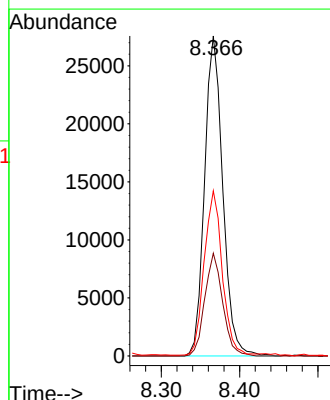
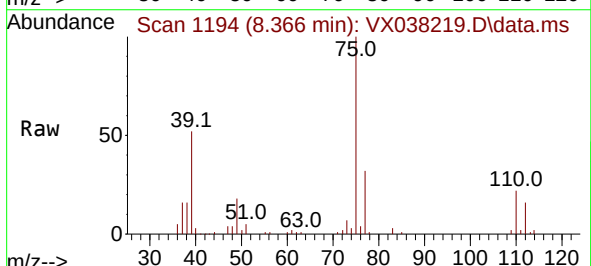
Tgt Ion: 75 Resp: 44443

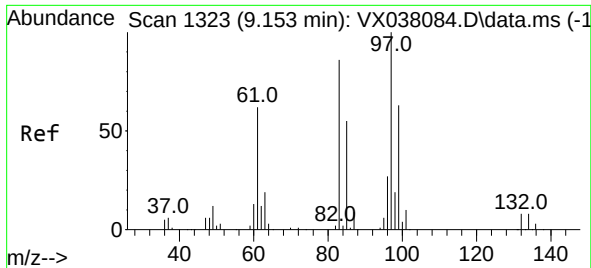
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

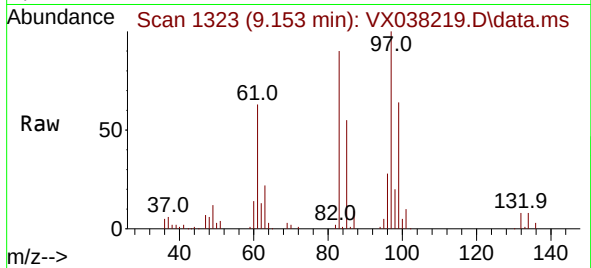
39 51.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 22.621 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

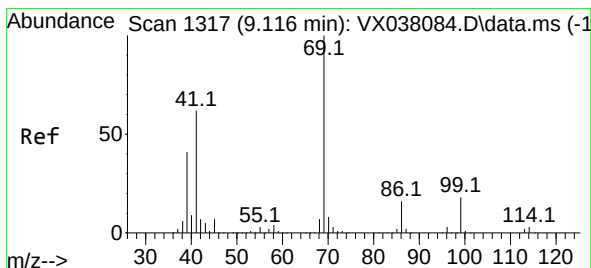
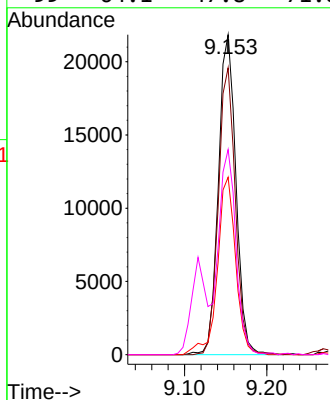
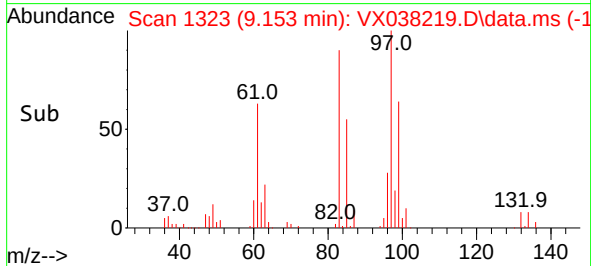
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	65.8	98.8
85	55.4	41.6	62.4
99	64.1	47.8	71.8

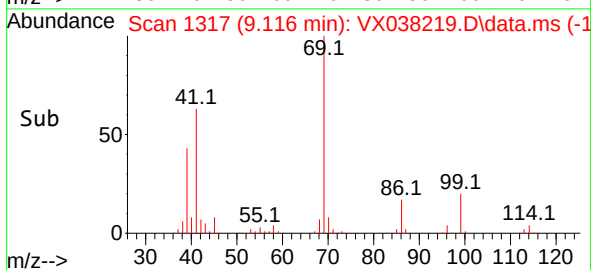
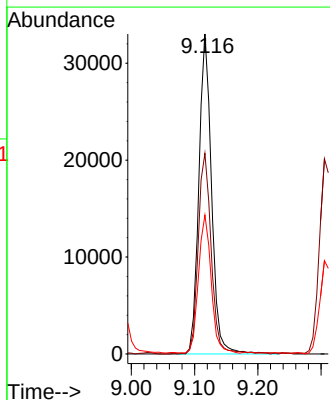
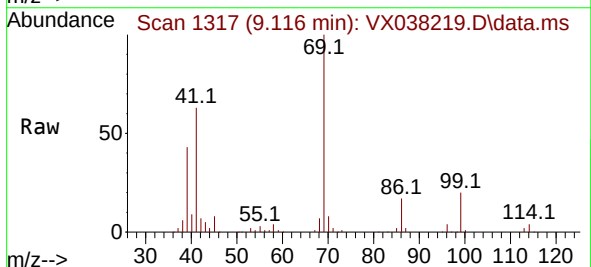
Manual Integrations
APPROVED

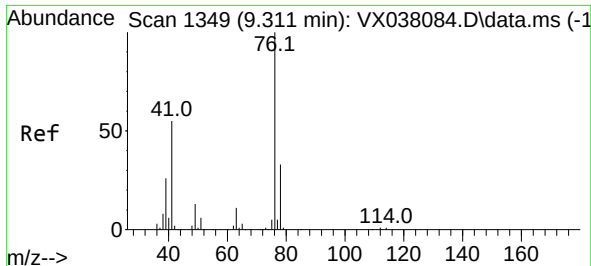
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#56
Ethyl methacrylate
Concen: 21.031 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.3	56.8	85.2
39	43.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 22.234 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 76 Resp: 5151

Ion Ratio Lower Upper

76 100

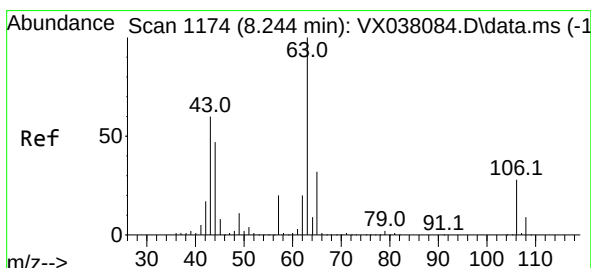
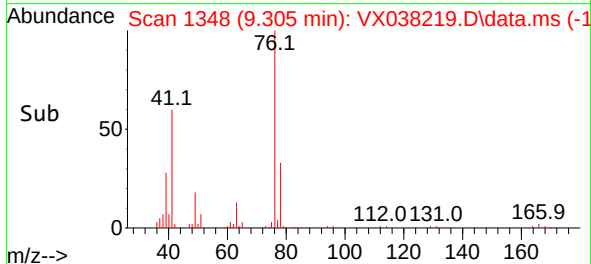
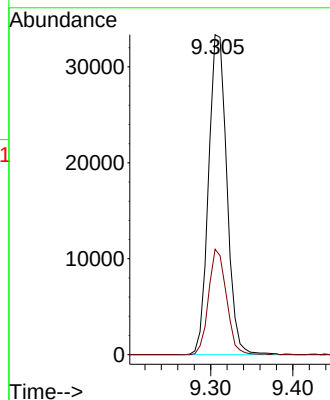
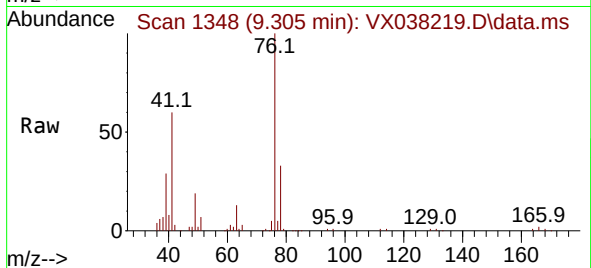
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 114.897 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038219.D

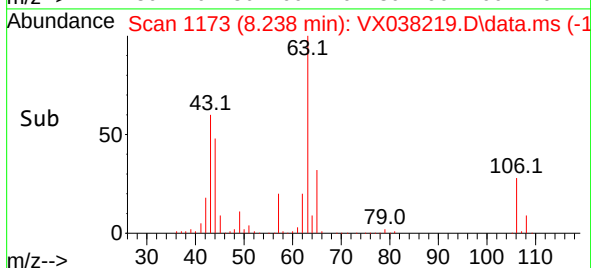
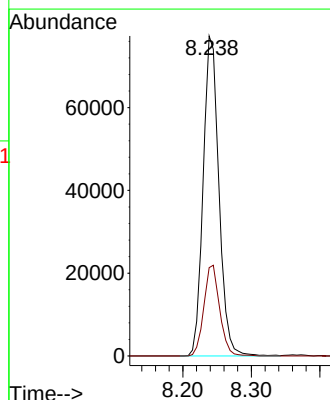
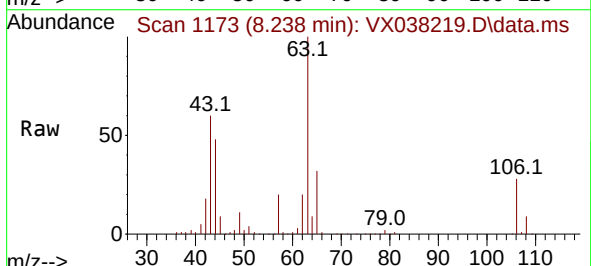
Acq: 11 Oct 2023 11:17

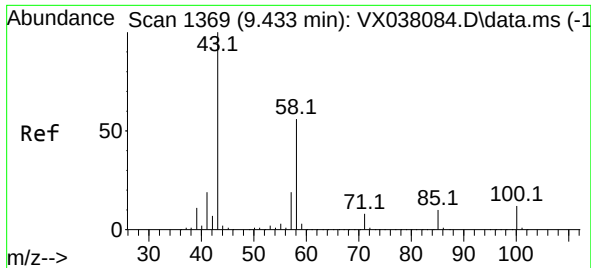
Tgt Ion: 63 Resp: 123877

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7





#59

2-Hexanone

Concen: 117.393 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 43 Resp: 21216

Ion Ratio Lower Upper

43 100

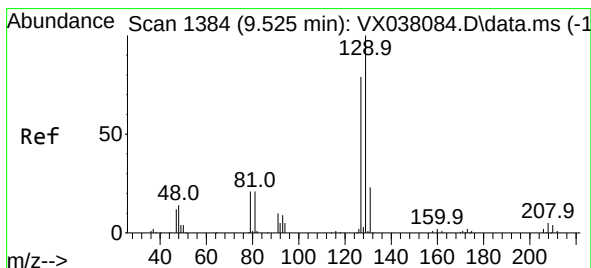
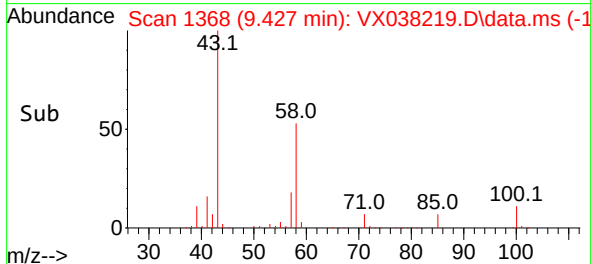
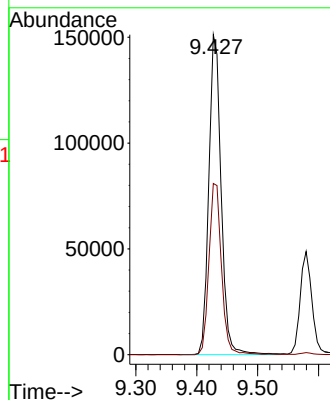
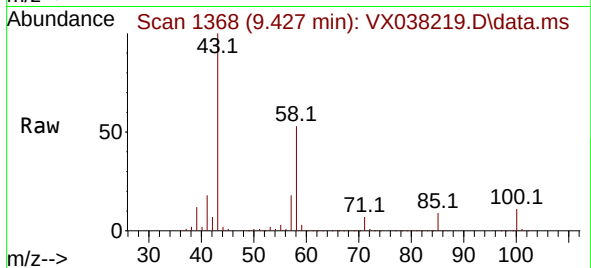
58 54.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#60

Dibromochloromethane

Concen: 22.424 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038219.D

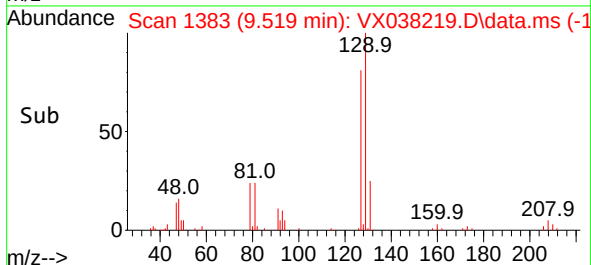
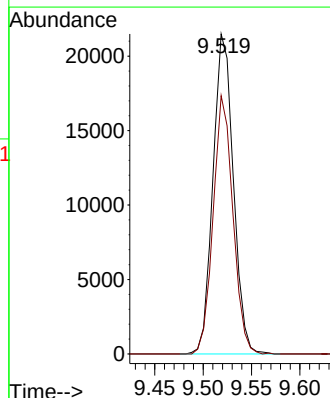
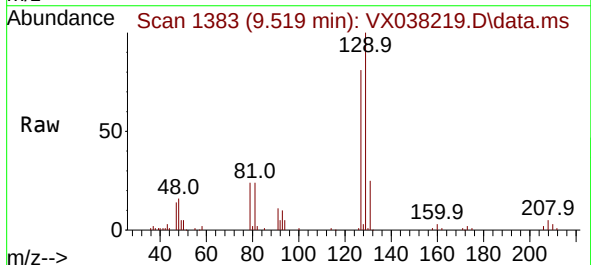
Acq: 11 Oct 2023 11:17

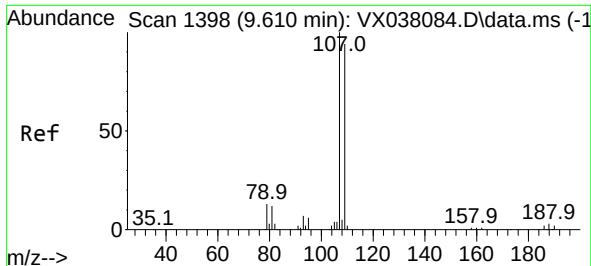
Tgt Ion:129 Resp: 31440

Ion Ratio Lower Upper

129 100

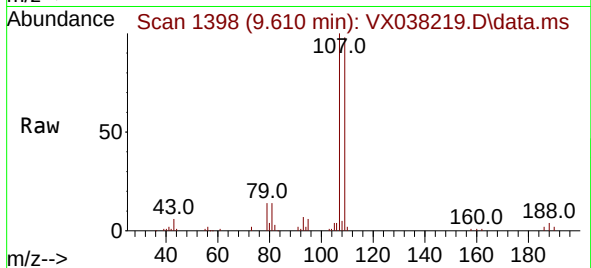
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 22.348 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

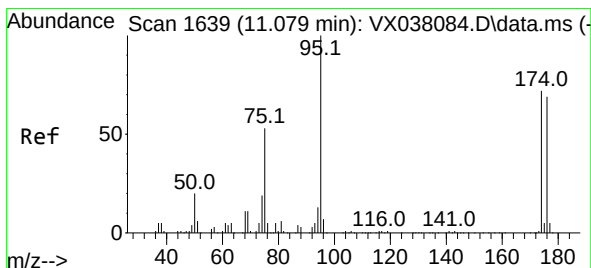
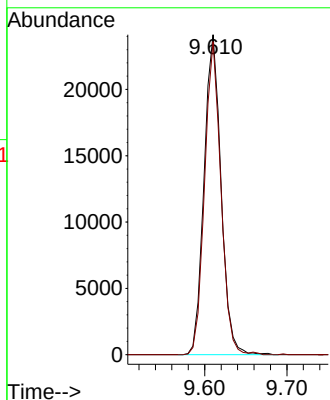
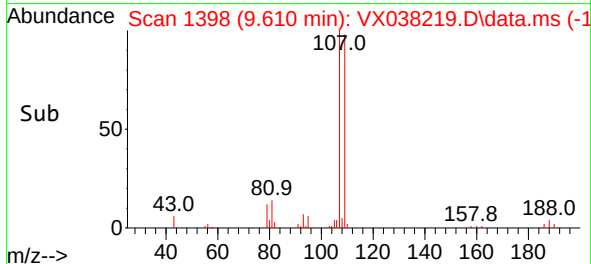
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion:107 Resp: 3462
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

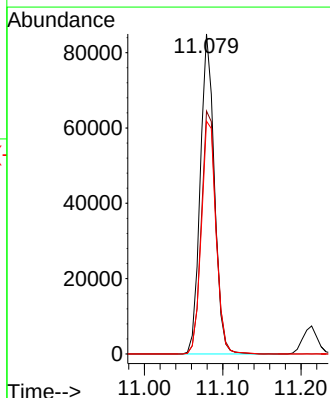
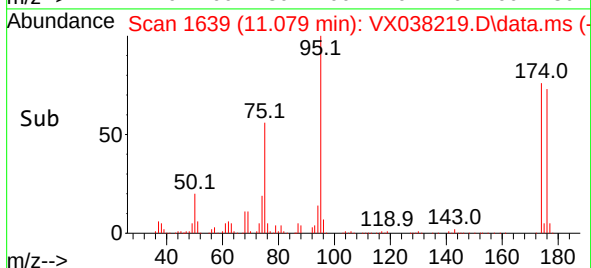
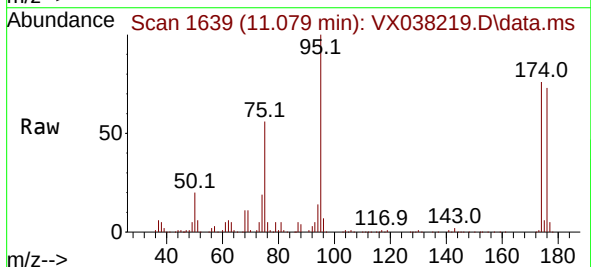
Manual Integrations
APPROVED

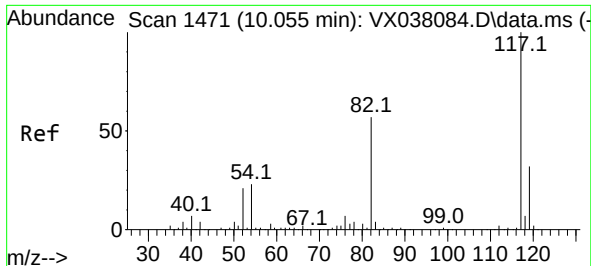
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#62
4-Bromofluorobenzene
Concen: 54.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

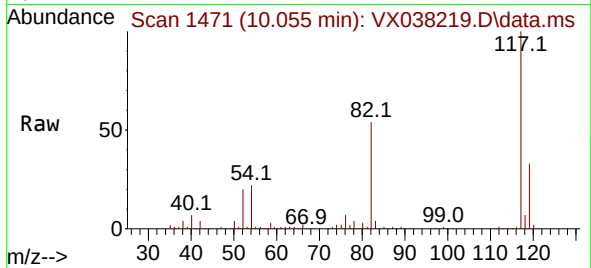
Tgt Ion: 95 Resp: 105931
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 75.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

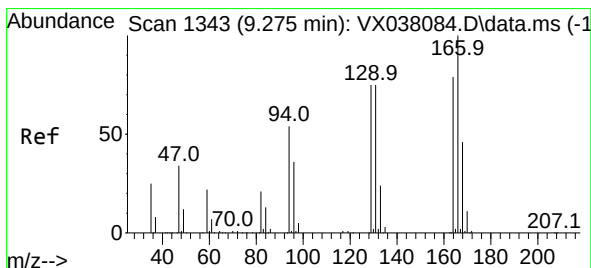
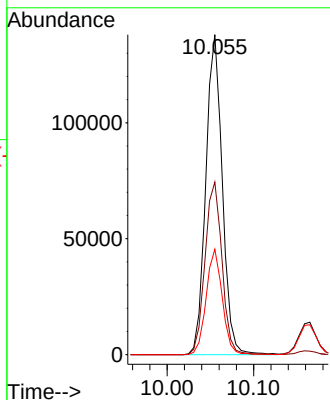
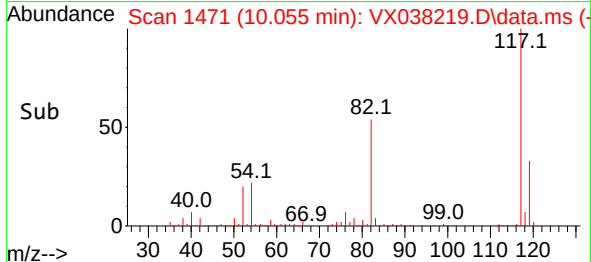
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion:117 Resp: 182958
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.9 25.5 38.3

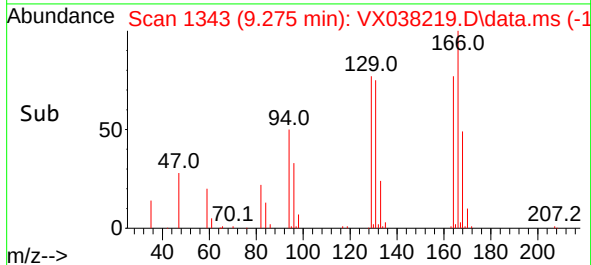
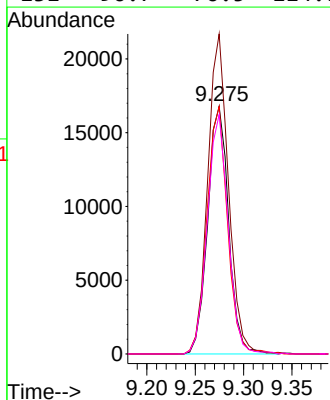
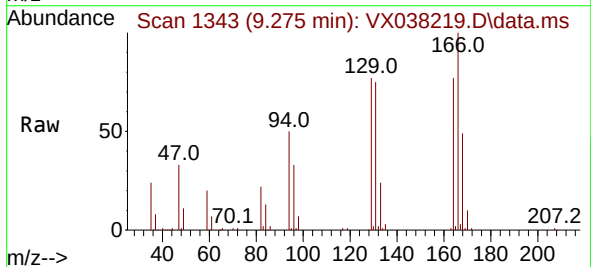
Manual Integrations
APPROVED

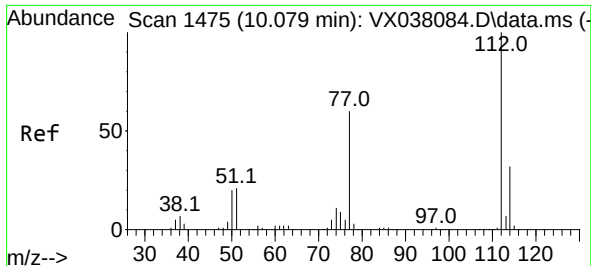
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#64
Tetrachloroethene
Concen: 21.317 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

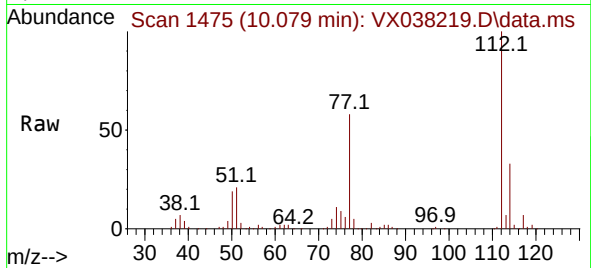
Tgt Ion:164 Resp: 25248
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 99.9 80.4 120.6
131 96.7 76.5 114.7





#65
Chlorobenzene
Concen: 21.264 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

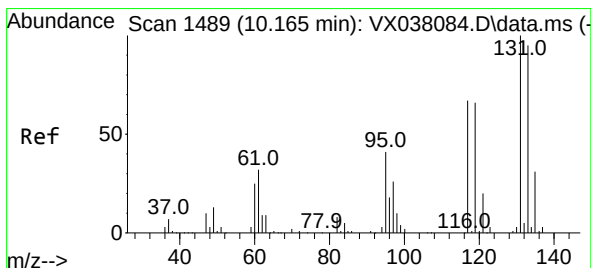
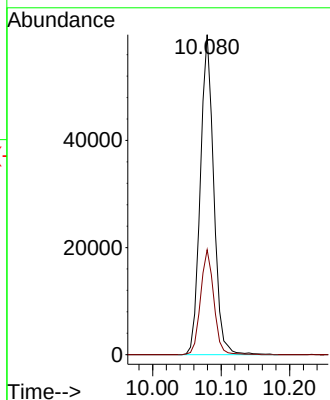
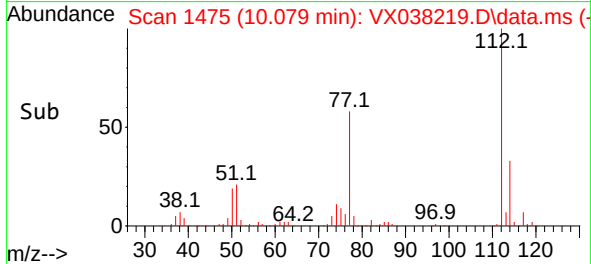
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion:112 Resp: 81408
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

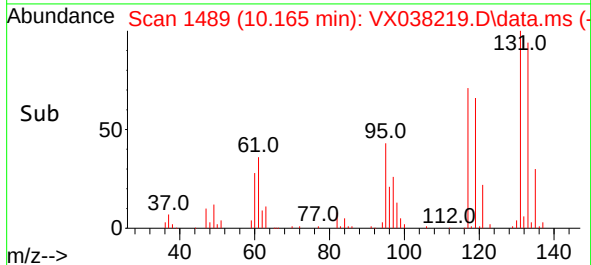
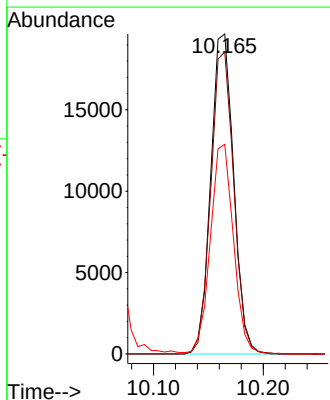
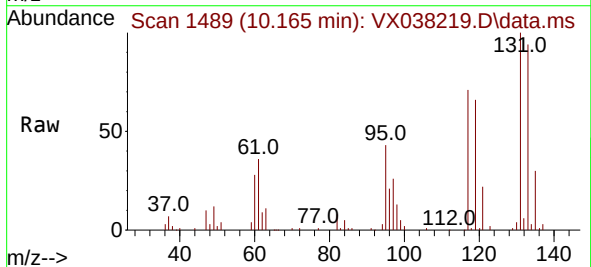
Manual Integrations
APPROVED

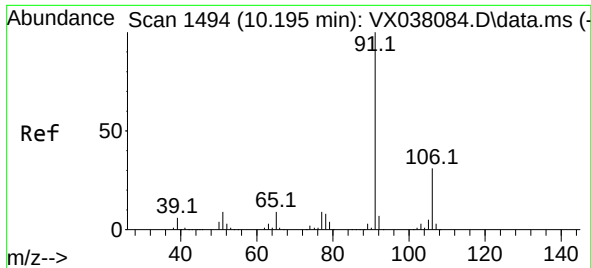
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.048 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion:131 Resp: 28543
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 66.2 32.2 96.6





#67

Ethyl Benzene

Concen: 21.224 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 91 Resp: 14504

Ion Ratio Lower Upper

91 100

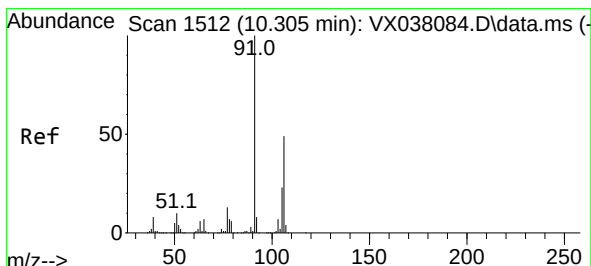
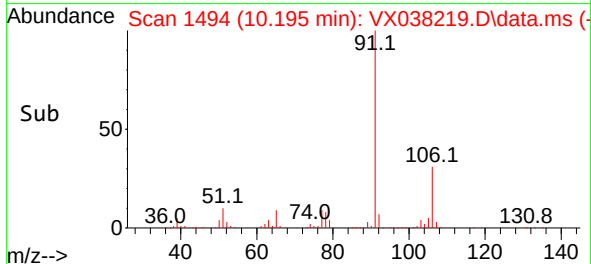
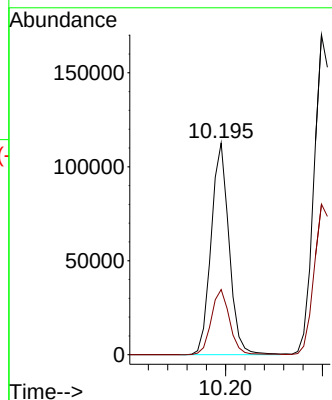
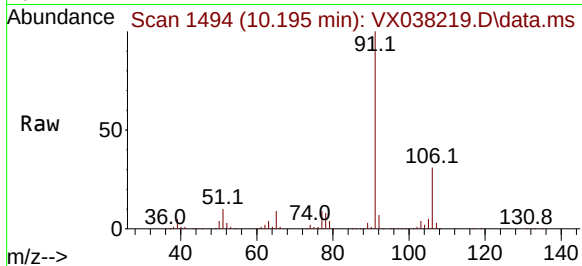
106 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#68

m/p-Xylenes

Concen: 41.752 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038219.D

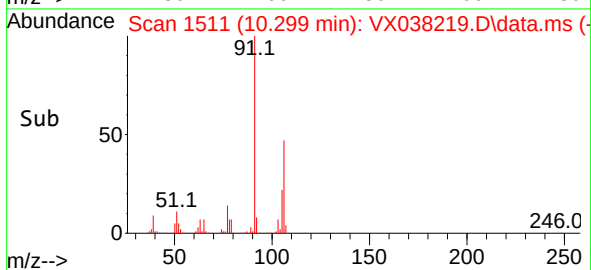
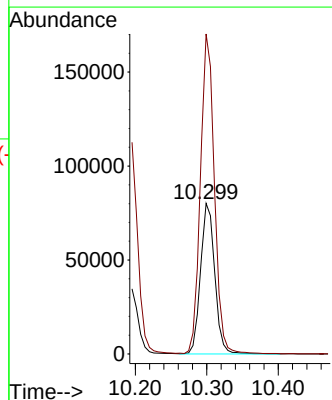
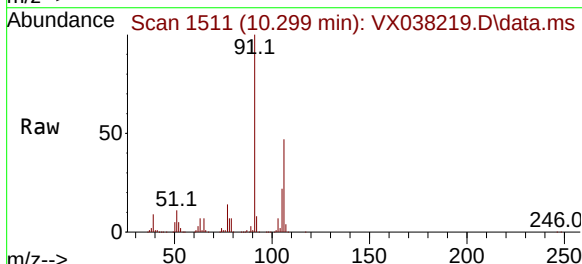
Acq: 11 Oct 2023 11:17

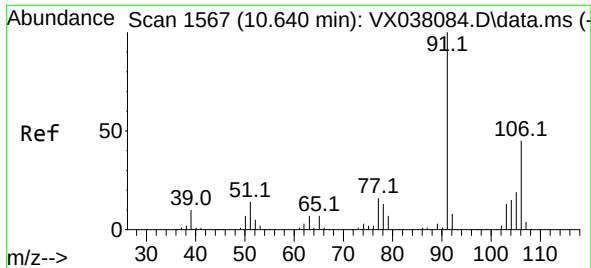
Tgt Ion:106 Resp: 110325

Ion Ratio Lower Upper

106 100

91 209.5 165.5 248.3





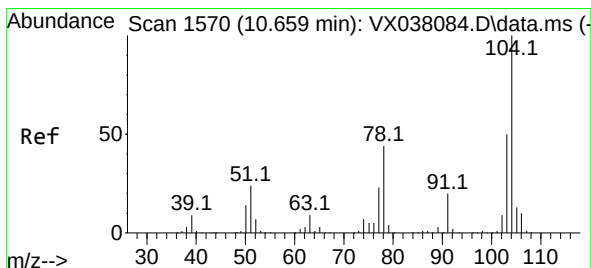
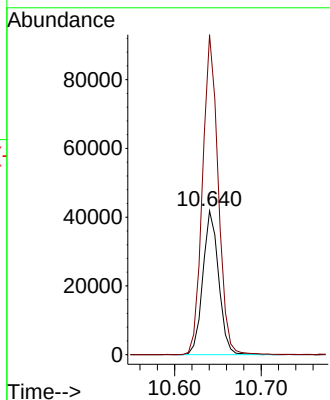
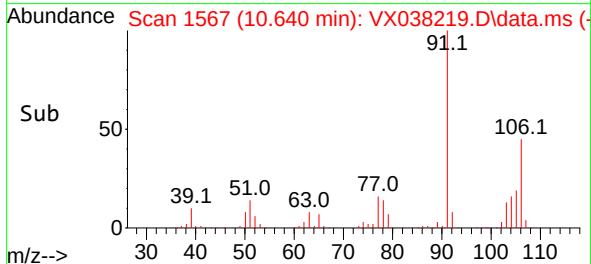
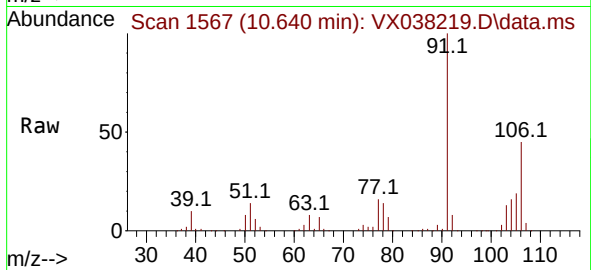
#69
o-Xylene
Concen: 20.553 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion:106 Resp: 53004
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8

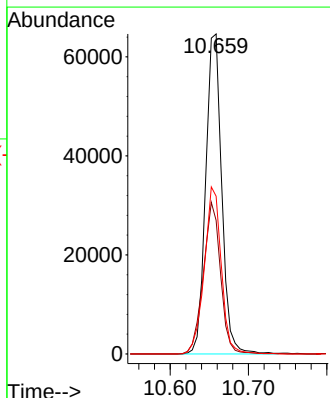
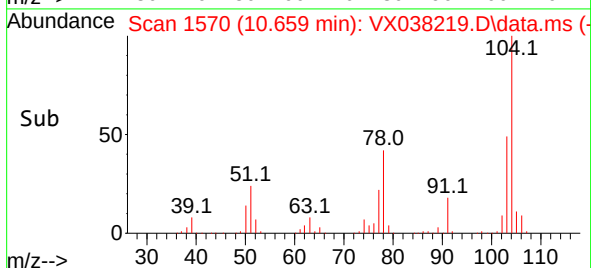
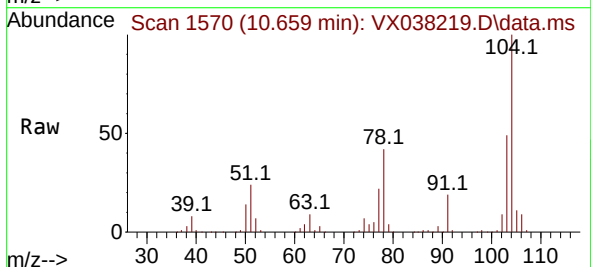
Manual Integrations
APPROVED

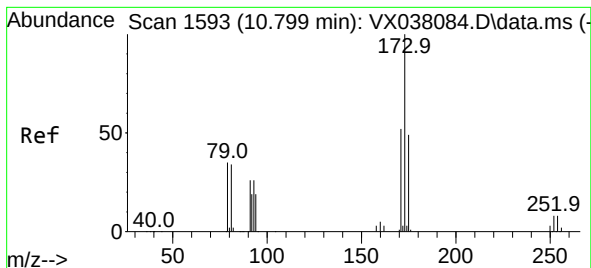
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 21.864 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Tgt Ion:104 Resp: 91825
Ion Ratio Lower Upper
104 100
78 50.8 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 20.779 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

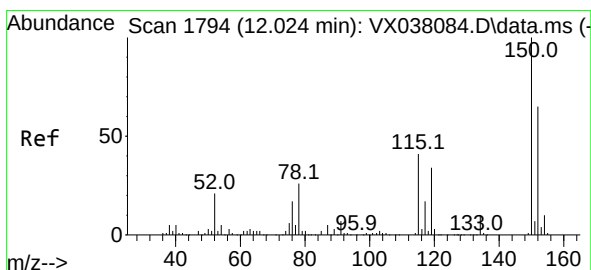
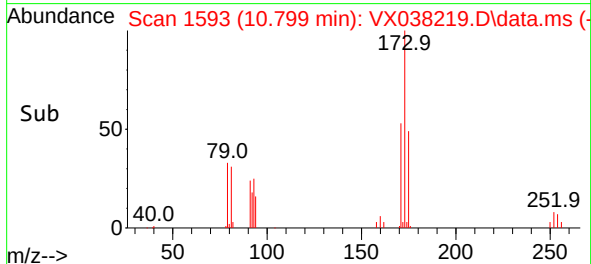
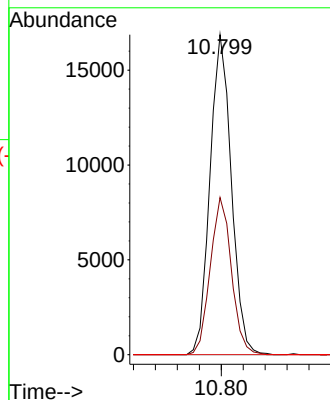
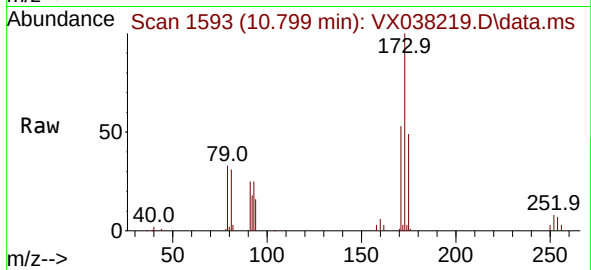
Tgt Ion:	173	Resp:	2282
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

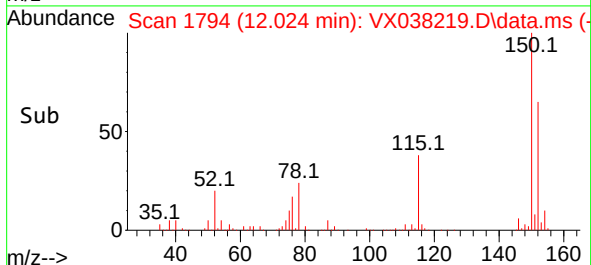
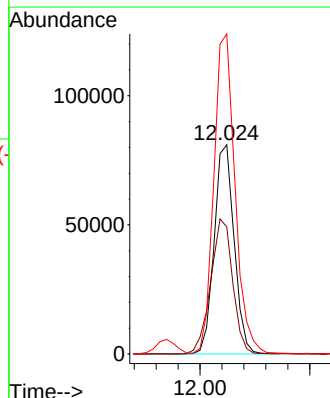
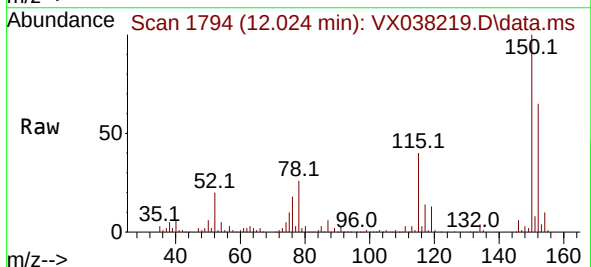
RT: 12.024 min Scan# 1794

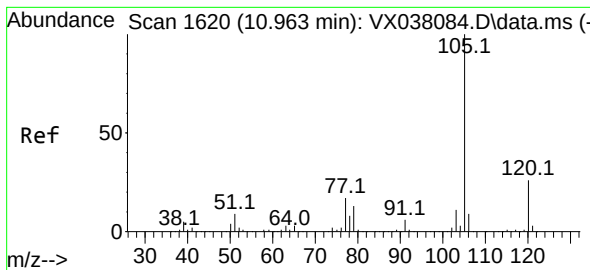
Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Tgt Ion:	152	Resp:	102444
Ion Ratio	Lower	Upper	
152	100		
115	71.2	43.3	129.9
150	162.4	0.0	345.0





#73

Isopropylbenzene

Concen: 21.098 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion:105 Resp: 14494

Ion Ratio Lower Upper

105 100

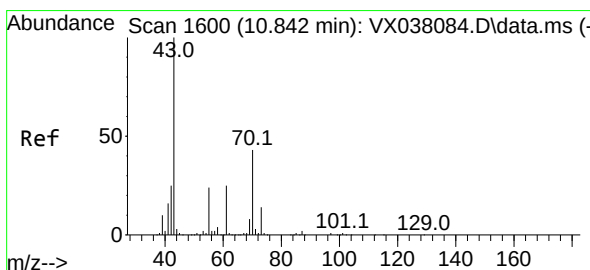
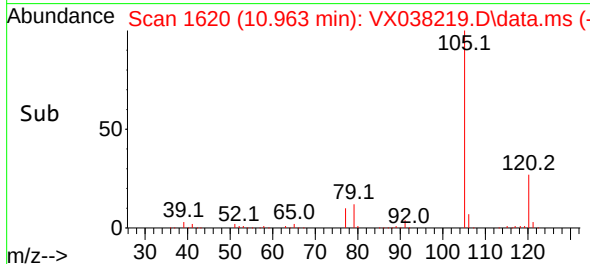
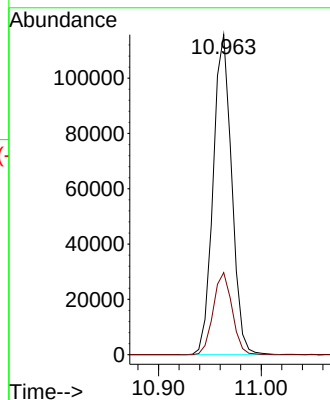
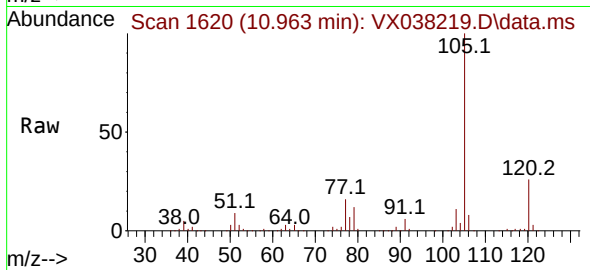
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#74

N-ethyl acetate

Concen: 20.924 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Tgt Ion: 43 Resp: 61386

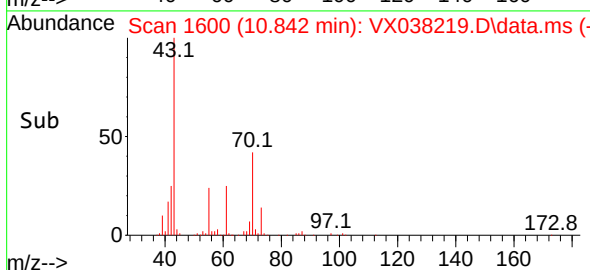
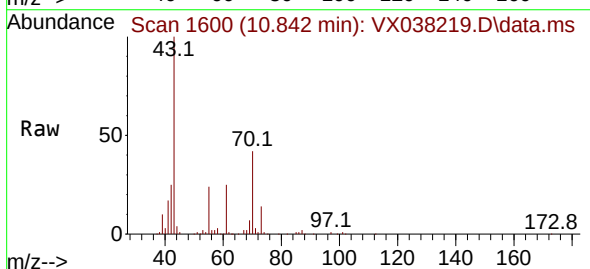
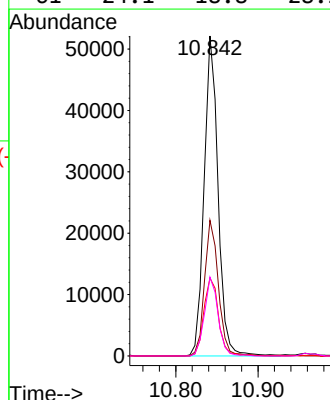
Ion Ratio Lower Upper

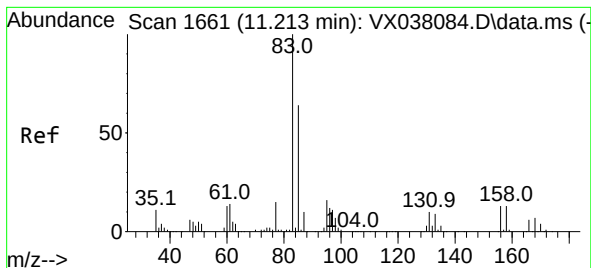
43 100

70 42.3 32.9 49.3

55 25.8 19.3 28.9

61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.245 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

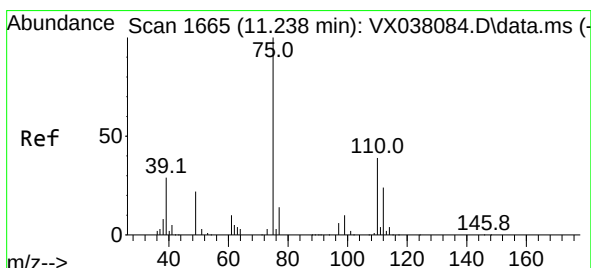
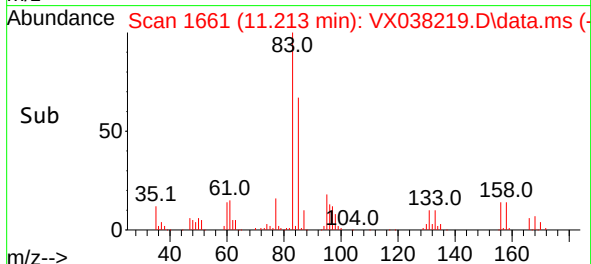
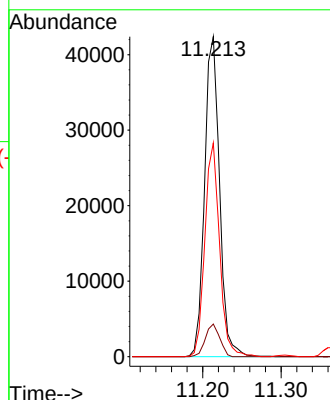
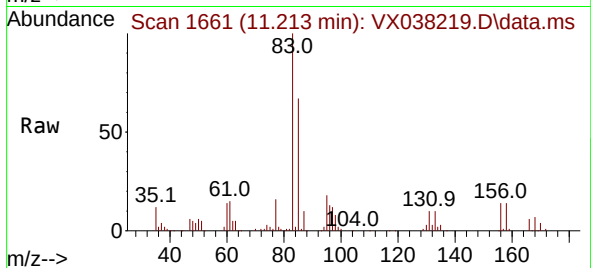
Tgt Ion: 83 Resp: 56078
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 15.8
 85 65.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#76

1,2,3-Trichloropropane

Concen: 21.978 ug/l m

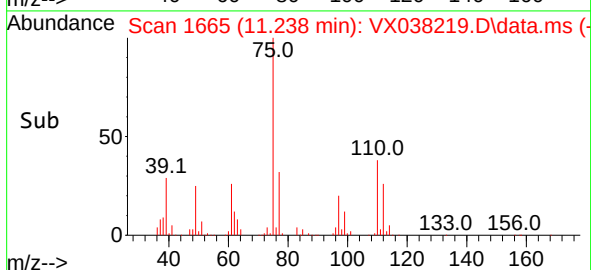
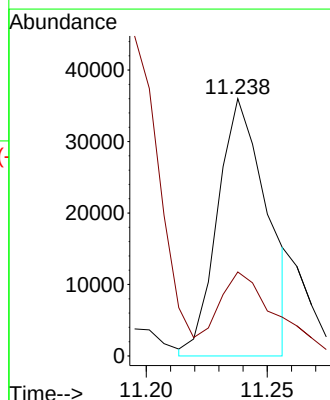
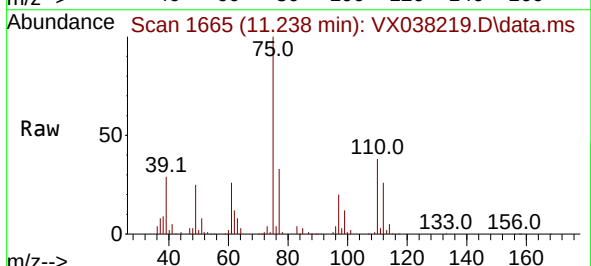
RT: 11.238 min Scan# 1665

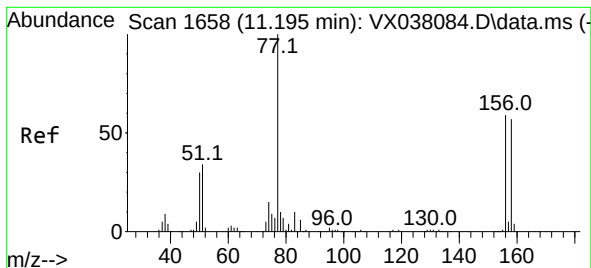
Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Tgt Ion: 75 Resp: 51186
 Ion Ratio Lower Upper
 75 100
 77 38.4 19.1 57.5





#77

Bromobenzene

Concen: 21.619 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

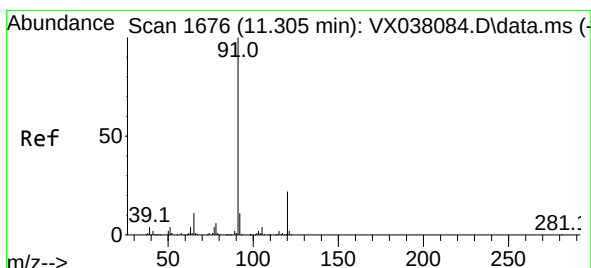
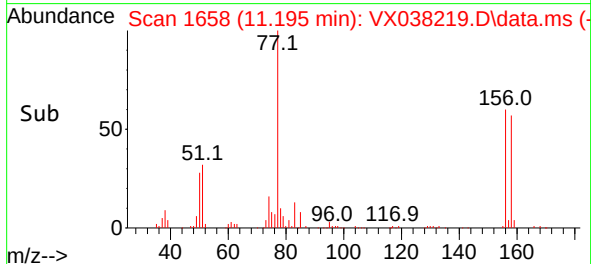
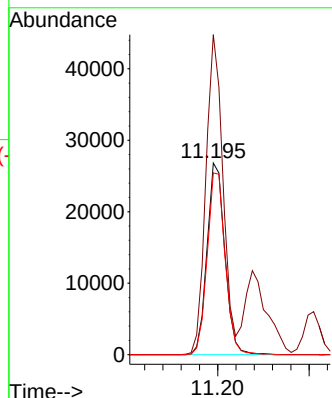
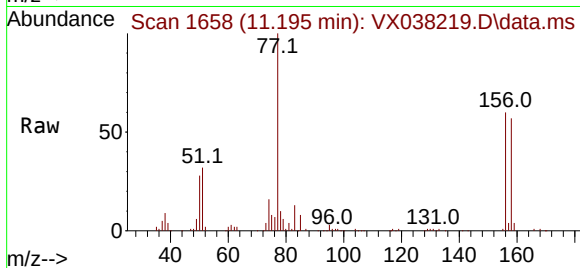
Tgt Ion:	156	Resp:	3626
Ion Ratio	Lower	Upper	
156	100		
77	159.5	88.4	265.3
158	95.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 21.261 ug/l

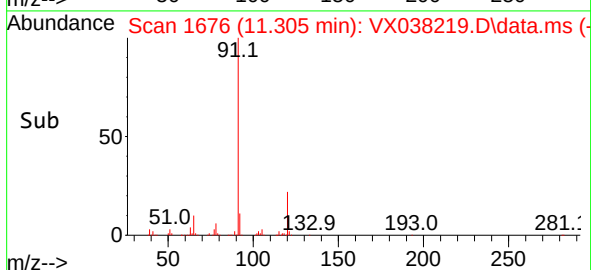
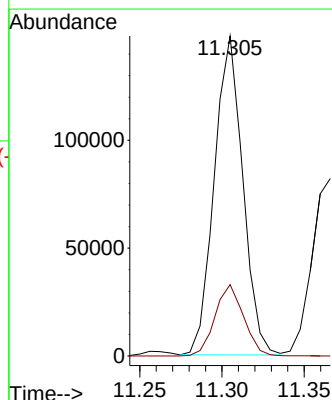
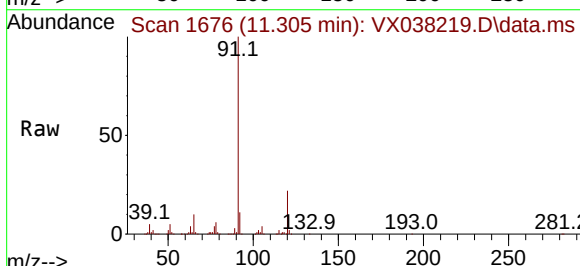
RT: 11.305 min Scan# 1676

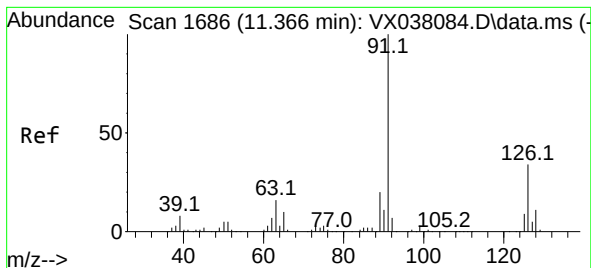
Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Tgt Ion:	91	Resp:	178606
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





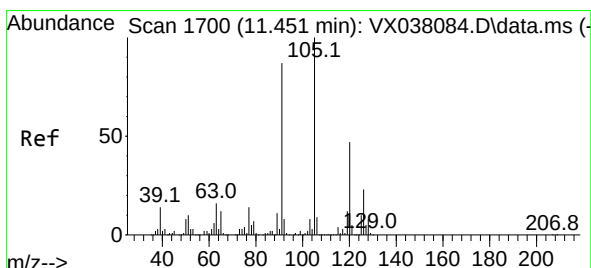
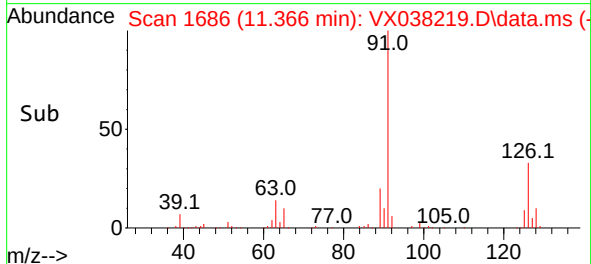
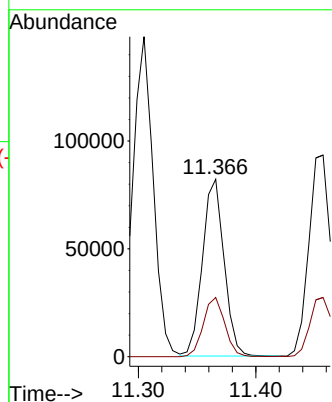
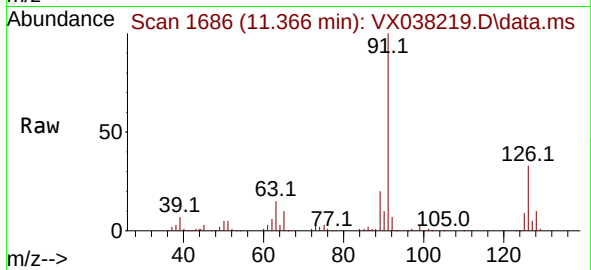
#79
2-Chlorotoluene
Concen: 20.982 ug/l
RT: 11.366 min Scan# 10453
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01

Tgt Ion: 91 Resp: 10453
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

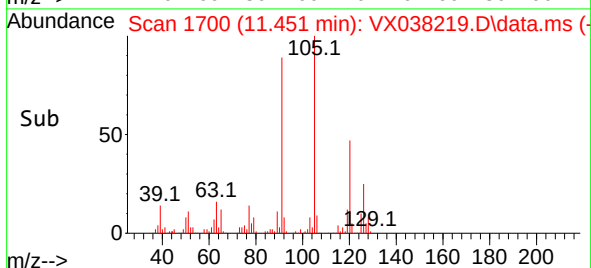
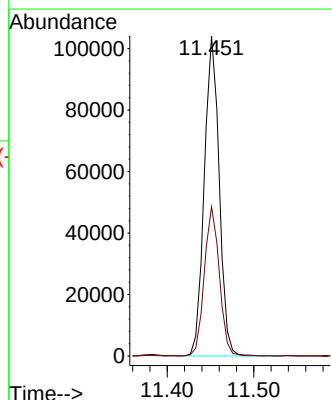
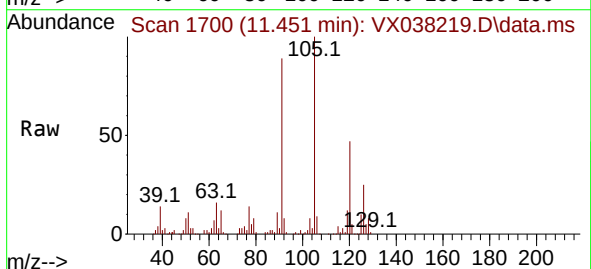
Manual Integrations
APPROVED

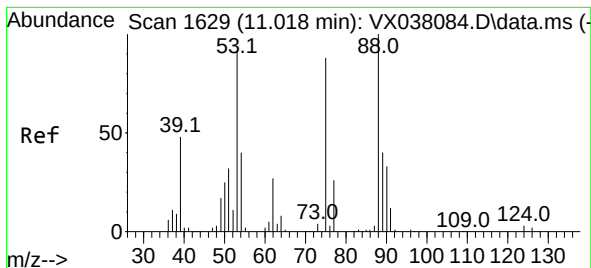
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.005 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

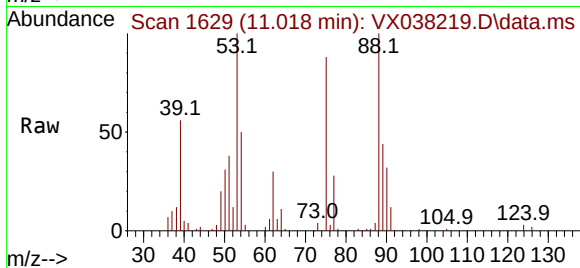
Tgt Ion:105 Resp: 124503
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.412 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

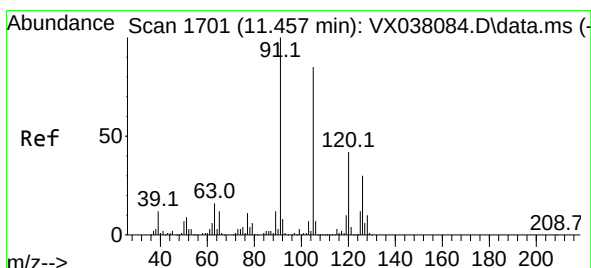
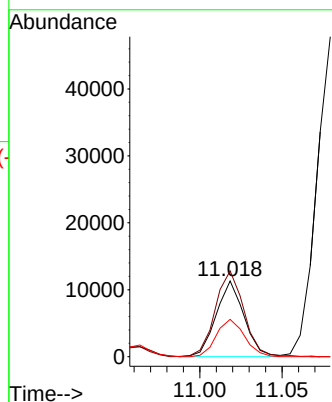
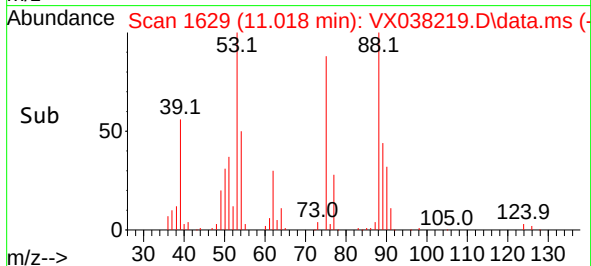
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



Tgt Ion: 75 Resp: 1334
Ion Ratio Lower Upper
75 100
53 116.7 90.5 135.7
89 49.6 36.9 55.3

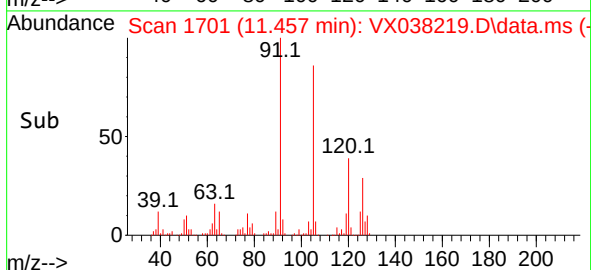
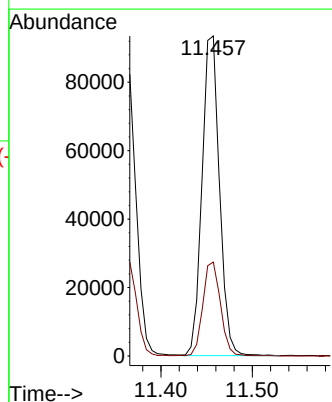
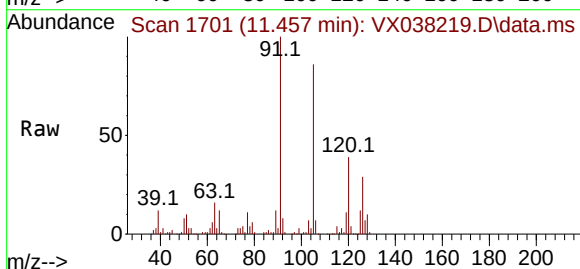
Manual Integrations
APPROVED

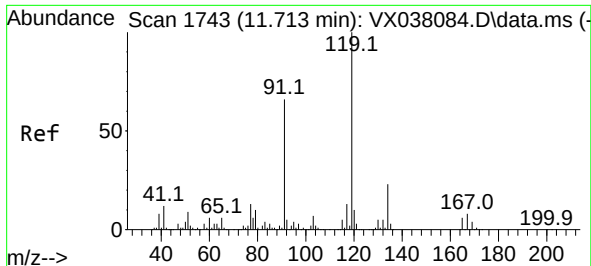
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#82
4-Chlorotoluene
Concen: 20.988 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

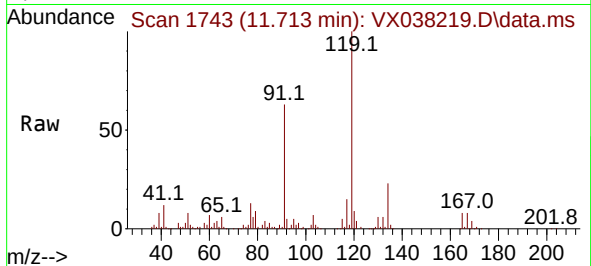
Tgt Ion: 91 Resp: 123731
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.861 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

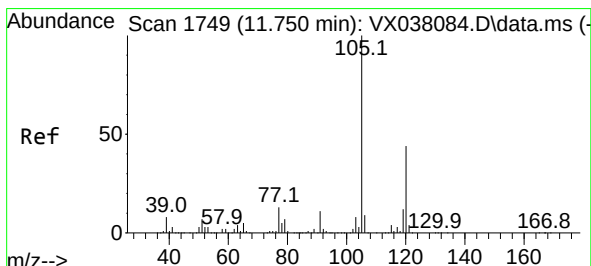
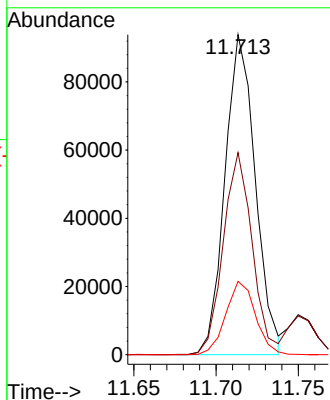
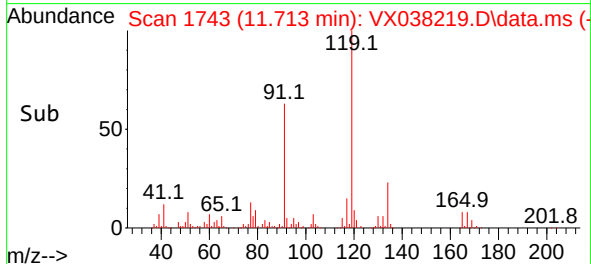
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



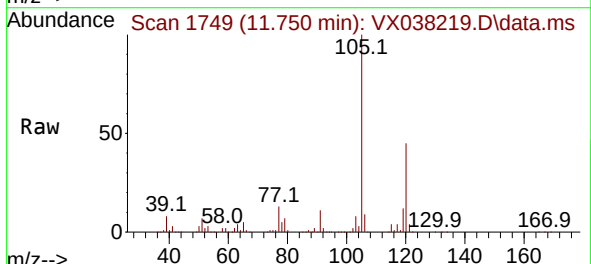
Tgt Ion:119 Resp: 12082
Ion Ratio Lower Upper
119 100
91 60.4 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
APPROVED

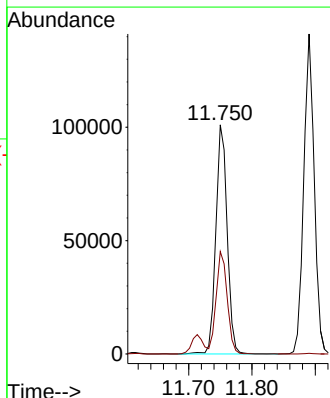
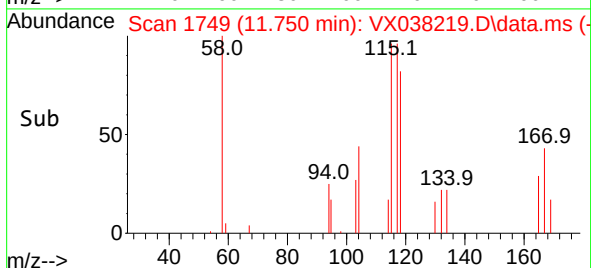
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

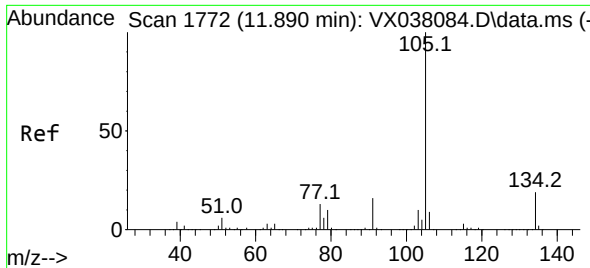


#84
1,2,4-Trimethylbenzene
Concen: 21.144 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17



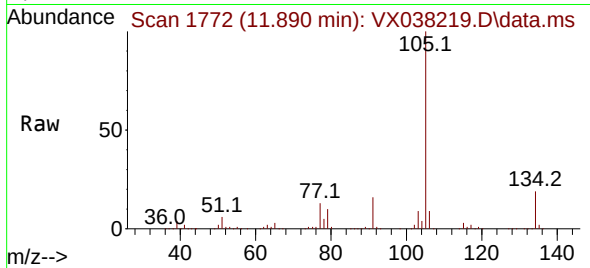
Tgt Ion:105 Resp: 124958
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.487 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038219.D
 Acq: 11 Oct 2023 11:17

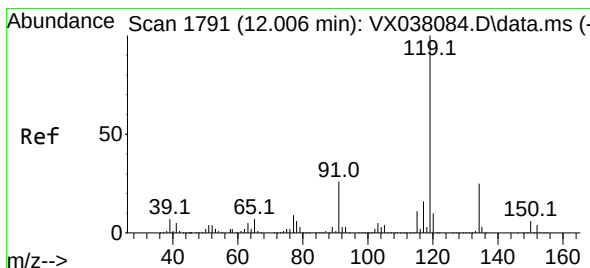
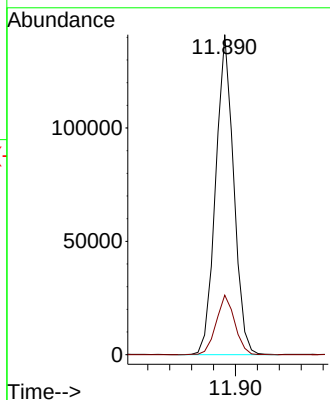
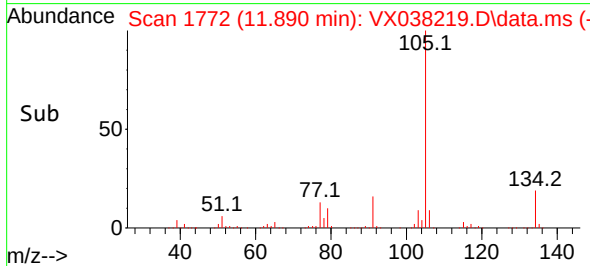
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBSD01



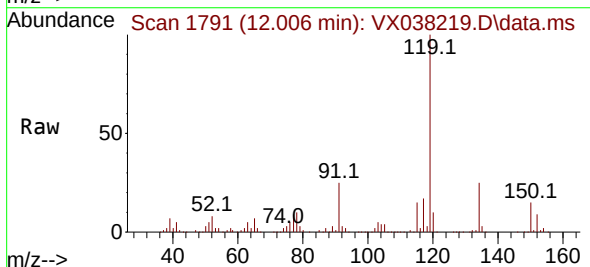
Tgt Ion:105 Resp: 16120
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

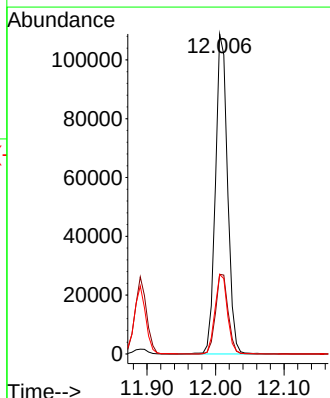
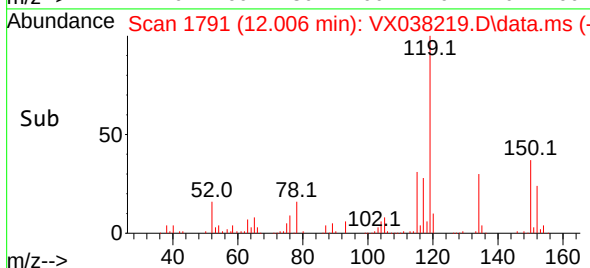
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

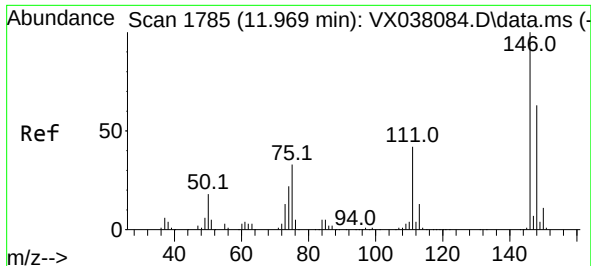


#86
 p-Isopropyltoluene
 Concen: 21.523 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038219.D
 Acq: 11 Oct 2023 11:17



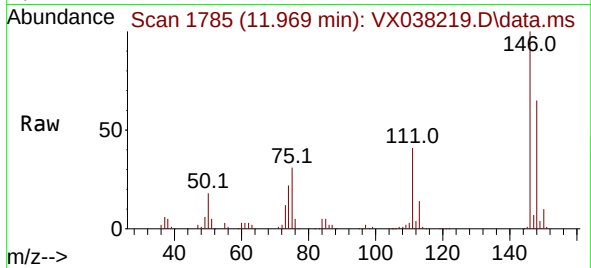
Tgt Ion:119 Resp: 133226
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 25.6 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 21.104 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

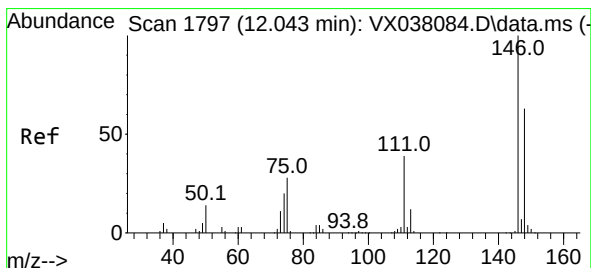
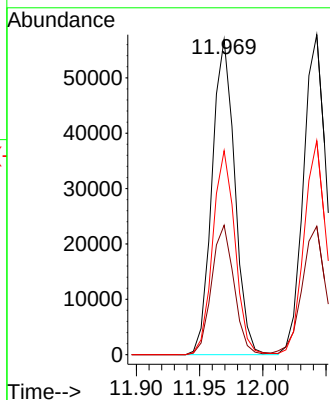
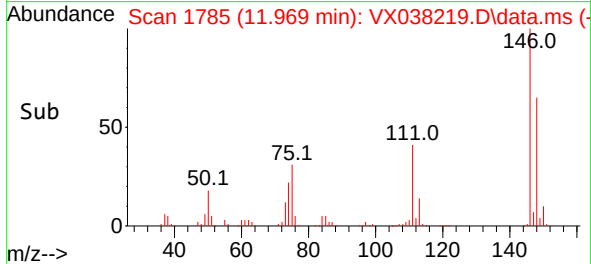
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



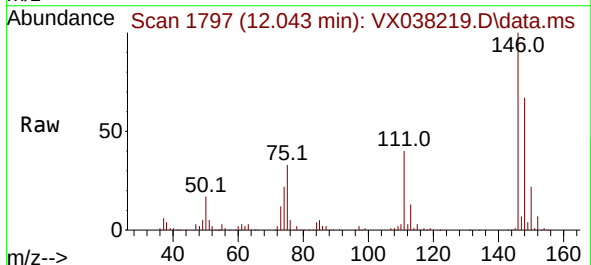
Tgt Ion:146 Resp: 71098
Ion Ratio Lower Upper
146 100
111 40.4 22.1 66.1
148 63.5 31.8 95.3

Manual Integrations
APPROVED

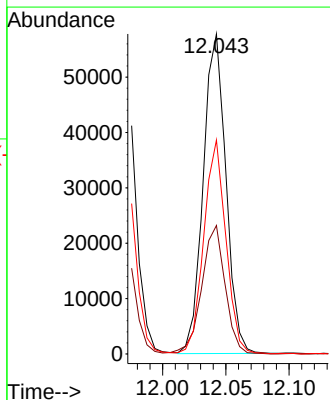
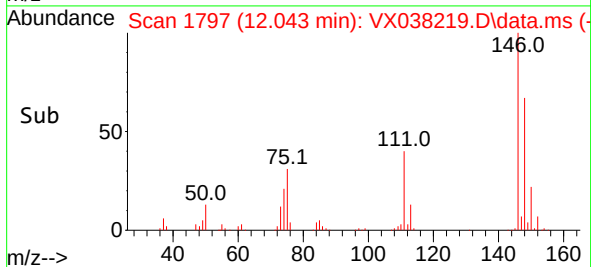
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

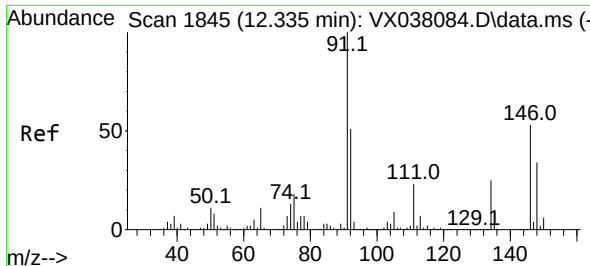


#88
1,4-Dichlorobenzene
Concen: 20.978 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17



Tgt Ion:146 Resp: 72151
Ion Ratio Lower Upper
146 100
111 41.5 21.3 63.7
148 65.5 31.8 95.4





#89

n-Butylbenzene

Concen: 21.074 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion: 91 Resp: 12990

Ion Ratio Lower Upper

91 100

92 50.8 27.4 82.0

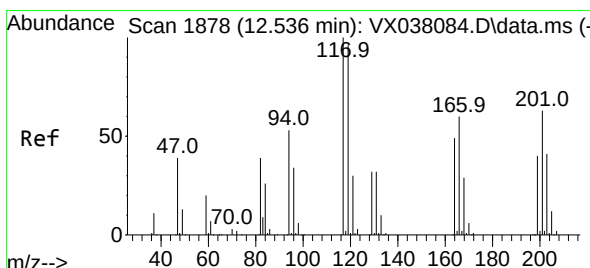
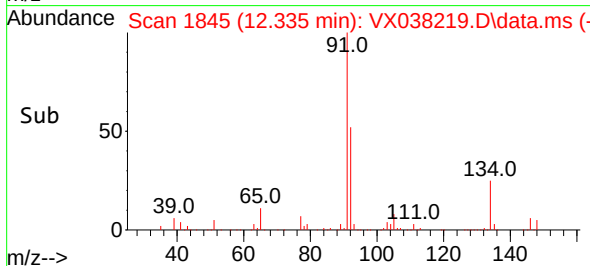
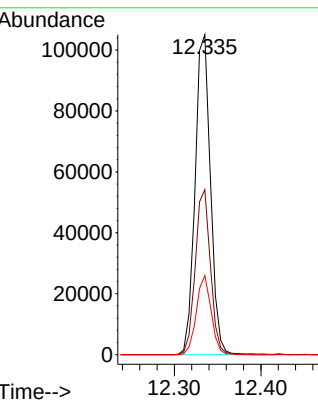
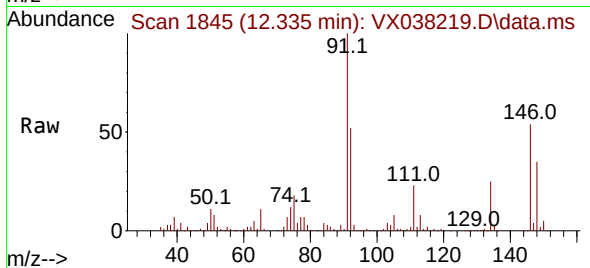
134 23.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#90

Hexachloroethane

Concen: 20.817 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038219.D

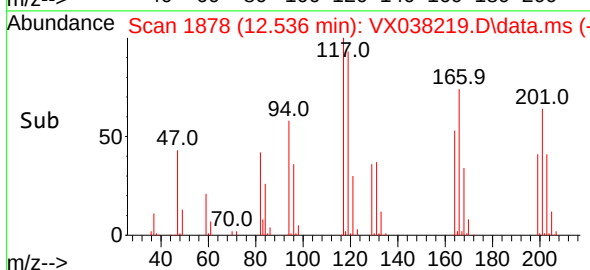
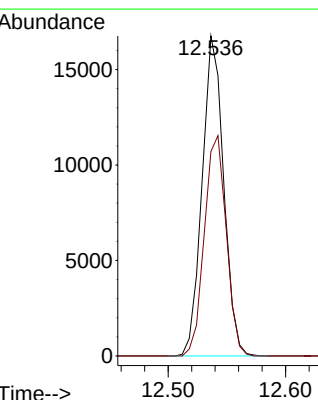
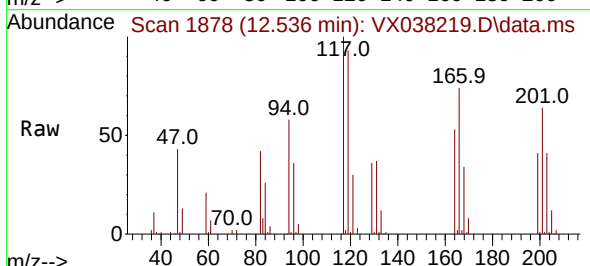
Acq: 11 Oct 2023 11:17

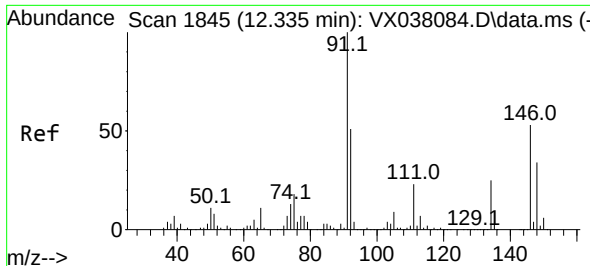
Tgt Ion:117 Resp: 21364

Ion Ratio Lower Upper

117 100

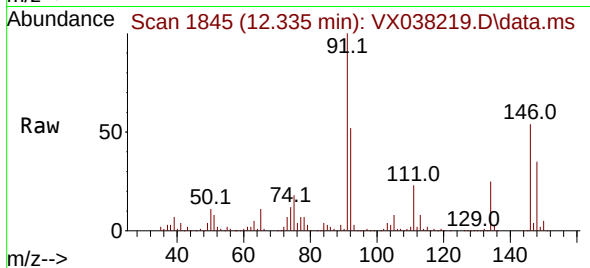
201 70.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 21.159 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17

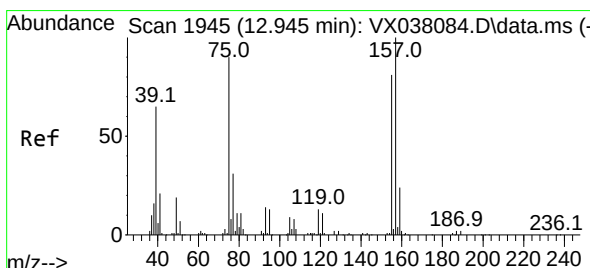
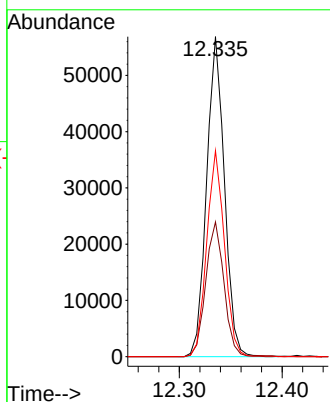
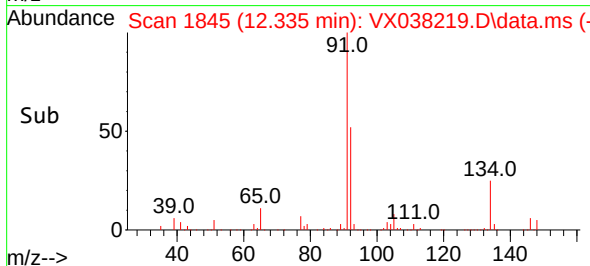
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD01



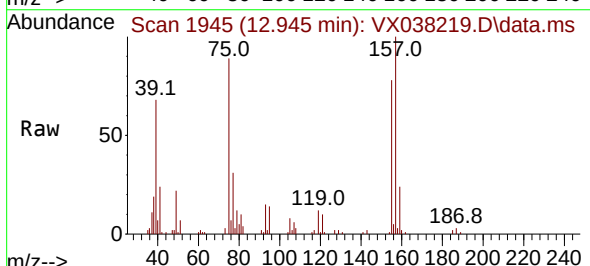
Tgt Ion: 146 Resp: 68520
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

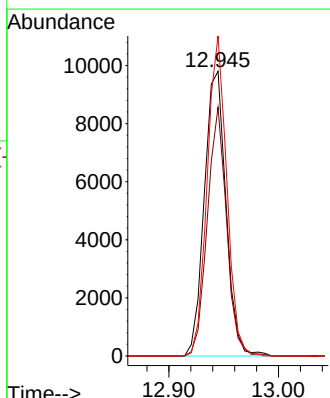
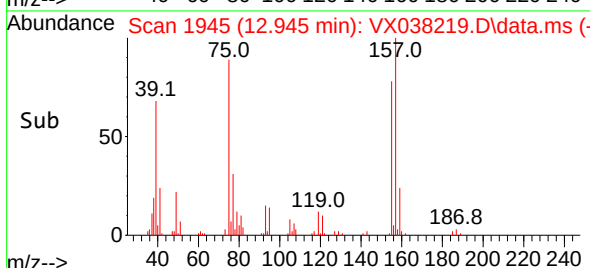
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

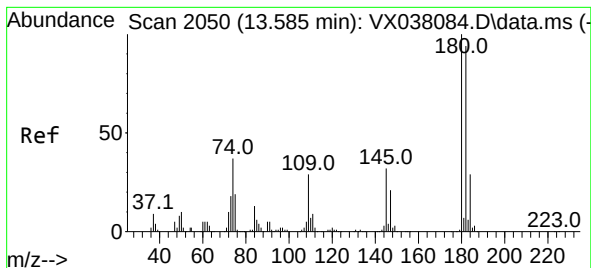


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.083 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038219.D
Acq: 11 Oct 2023 11:17



Tgt Ion: 75 Resp: 13460
Ion Ratio Lower Upper
75 100
155 77.4 36.1 108.5
157 101.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.210 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

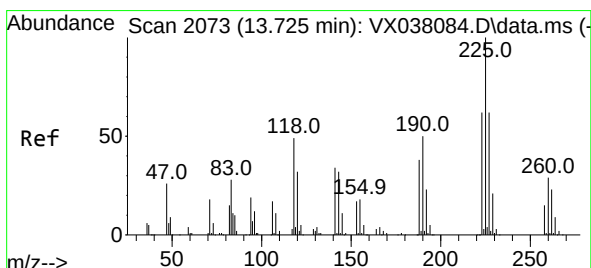
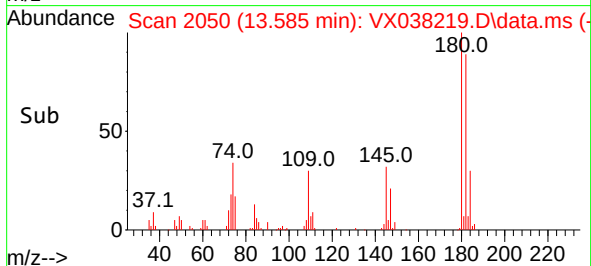
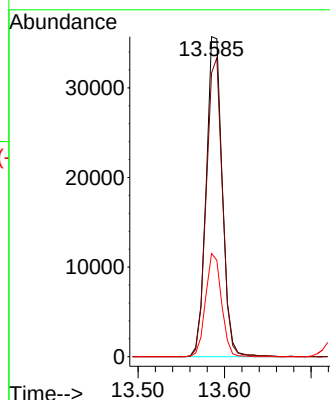
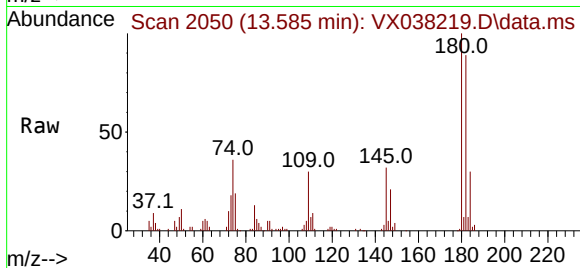
Tgt Ion:180	Resp:	46069
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.3 144.8
145	31.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#94

Hexachlorobutadiene

Concen: 22.422 ug/l

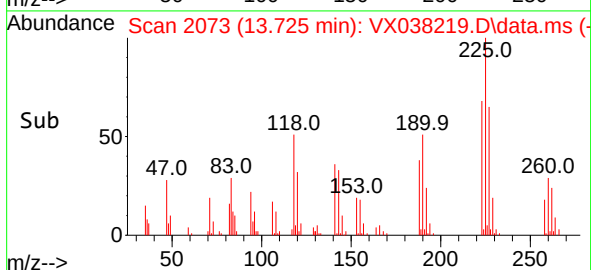
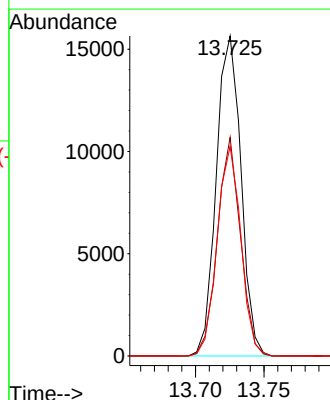
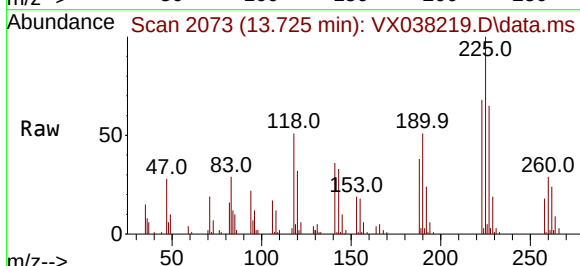
RT: 13.725 min Scan# 2073

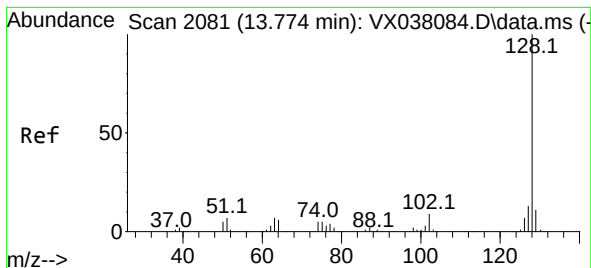
Delta R.T. 0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Tgt Ion:225	Resp:	19601
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.1 93.2
227	62.9	32.5 97.5





#95

Naphthalene

Concen: 20.863 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBSD01

Tgt Ion:128 Resp: 15780

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

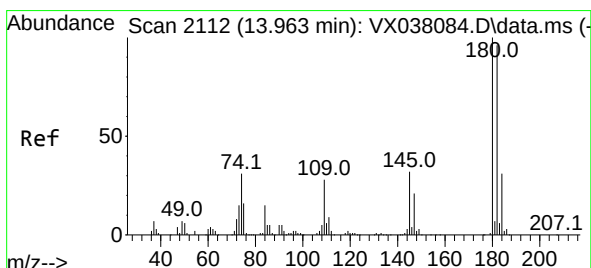
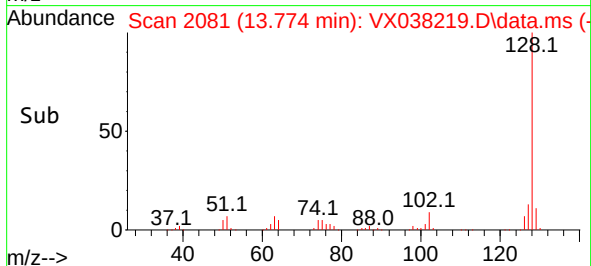
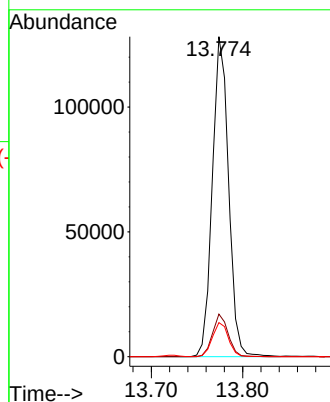
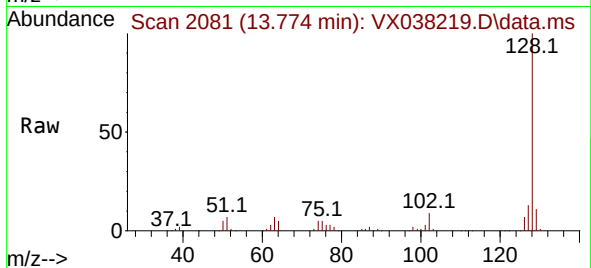
129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.042 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038219.D

Acq: 11 Oct 2023 11:17

Tgt Ion:180 Resp: 44252

Ion Ratio Lower Upper

180 100

182 97.9 46.9 140.6

145 33.6 17.8 53.5

