

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032216.D
 Acq On : 19 Oct 2022 18:32
 Operator : JC/MD
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Quant Time: Oct 20 04:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96503	53.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.120%			
35) Dibromofluoromethane	5.385	113	75831	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.647	98	277515	50.609	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.079	95	103829	51.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25343	19.814	ug/l	96
3) Chloromethane	1.295	50	23493	17.748	ug/l	95
4) Vinyl Chloride	1.374	62	26657	19.351	ug/l	97
5) Bromomethane	1.612	94	24753	17.162	ug/l	100
6) Chloroethane	1.685	64	17898	14.810	ug/l	96
7) Trichlorofluoromethane	1.892	101	50521	20.630	ug/l	98
8) Diethyl Ether	2.130	74	16932	20.346	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25107	18.911	ug/l	99
10) Methyl Iodide	2.453	142	34871	18.175	ug/l	99
11) Tert butyl alcohol	2.965	59	22129	69.743	ug/l	98
12) 1,1-Dichloroethene	2.319	96	23441	18.785	ug/l	95
13) Acrolein	2.233	56	26240	118.517	ug/l	98
14) Allyl chloride	2.666	41	36837	18.795	ug/l	96
15) Acrylonitrile	3.063	53	61560	90.248	ug/l	98
16) Acetone	2.380	43	52334	88.668	ug/l	99
17) Carbon Disulfide	2.514	76	52290	17.899	ug/l	100
18) Methyl Acetate	2.703	43	37218	18.574	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	83012	19.305	ug/l	100
20) Methylene Chloride	2.788	84	28036	18.499	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	25239	18.570	ug/l	98
22) Diisopropyl ether	3.764	45	81712	19.039	ug/l	88
23) Vinyl Acetate	3.721	43	324581	94.621	ug/l	100
24) 1,1-Dichloroethane	3.611	63	46655	18.814	ug/l	98
25) 2-Butanone	4.556	43	83759	90.894	ug/l	100
26) 2,2-Dichloropropane	4.477	77	35069	19.628	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	30337	19.063	ug/l	98
28) Bromochloromethane	4.898	49	19151	18.719	ug/l	100
29) Tetrahydrofuran	5.007	42	52834	88.771	ug/l	99
30) Chloroform	5.099	83	51142	18.948	ug/l	98
31) Cyclohexane	5.471	56	40258	19.362	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	45563	19.796	ug/l	100
36) 1,1-Dichloropropene	5.696	75	36433	18.592	ug/l	99
37) Ethyl Acetate	4.715	43	34111	17.779	ug/l	99
38) Carbon Tetrachloride	5.684	117	38564	18.642	ug/l	96
39) Methylcyclohexane	7.379	83	44868	19.167	ug/l	97
40) Benzene	6.038	78	106593	18.768	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19536	19.310	ug/l	99
42) 1,2-Dichloroethane	6.092	62	42604	19.584	ug/l	99
43) Isopropyl Acetate	6.336	43	56387	18.725	ug/l	99
44) Trichloroethene	7.129	130	29349	18.766	ug/l	95
45) 1,2-Dichloropropane	7.428	63	27503	19.196	ug/l	95
46) Dibromomethane	7.580	93	20025	18.740	ug/l	99
47) Bromodichloromethane	7.824	83	35744	18.107	ug/l	99
48) Methyl methacrylate	7.696	41	28983	19.299	ug/l	98
49) 1,4-Dioxane	7.678	88	10136	336.300	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	176796	93.660	ug/l	100
52) Toluene	8.720	92	68006	18.485	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36275	17.533	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	40495	18.411	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	28187	18.860	ug/l	98
56) Ethyl methacrylate	9.116	69	40829	18.968	ug/l	98
57) 1,3-Dichloropropane	9.311	76	45839	18.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	93408	94.675	ug/l	99
59) 2-Hexanone	9.433	43	129225	91.747	ug/l	99
60) Dibromochloromethane	9.525	129	27664	18.060	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29404	18.559	ug/l	99
64) Tetrachloroethene	9.275	164	24070	18.467	ug/l	95
65) Chlorobenzene	10.080	112	75622	18.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26775	18.491	ug/l	100
67) Ethyl Benzene	10.195	91	136702	19.080	ug/l	100
68) m/p-Xylenes	10.299	106	106018	37.469	ug/l	99
69) o-Xylene	10.640	106	51300	18.926	ug/l	99
70) Styrene	10.659	104	84572	18.502	ug/l	98
71) Bromoform	10.799	173	18296	16.396	ug/l #	99
73) Isopropylbenzene	10.964	105	136020	18.878	ug/l	100
74) N-amyl acetate	10.842	43	52331	19.659	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42835	18.492	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38003m	18.994	ug/l	
77) Bromobenzene	11.201	156	33907	19.199	ug/l	98
78) n-propylbenzene	11.305	91	159703	19.357	ug/l	99
79) 2-Chlorotoluene	11.366	91	94861	19.078	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118010	18.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9479	16.837	ug/l	92
82) 4-Chlorotoluene	11.457	91	110775	19.135	ug/l	99
83) tert-Butylbenzene	11.713	119	119508	19.192	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	119687	19.780	ug/l	98
85) sec-Butylbenzene	11.890	105	144896	19.254	ug/l	100
86) p-Isopropyltoluene	12.012	119	123280	19.253	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62718	18.450	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	64029	18.337	ug/l	98
89) n-Butylbenzene	12.335	91	108082	19.164	ug/l	99
90) Hexachloroethane	12.543	117	17440	17.553	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	63542	19.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8410	17.513	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	41072	18.906	ug/l	99
94) Hexachlorobutadiene	13.725	225	17021	18.052	ug/l	99
95) Naphthalene	13.774	128	140283	20.162	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41472	18.980	ug/l	98

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MSVOA_X
ClientSampleId :
VX1019WBS01

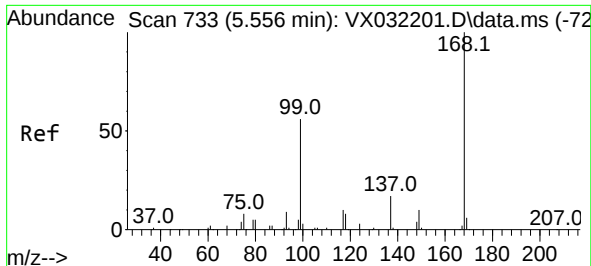
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 04:28:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

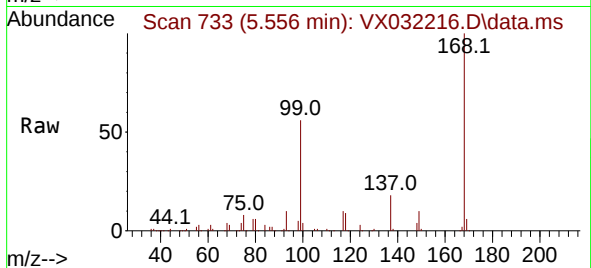
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032216.D
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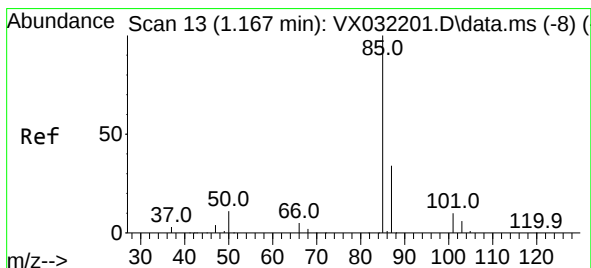
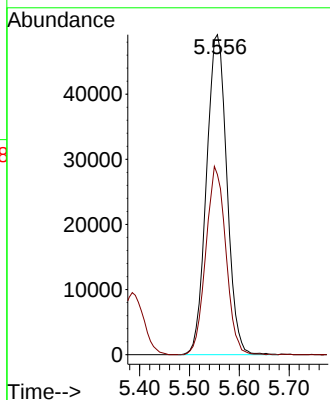
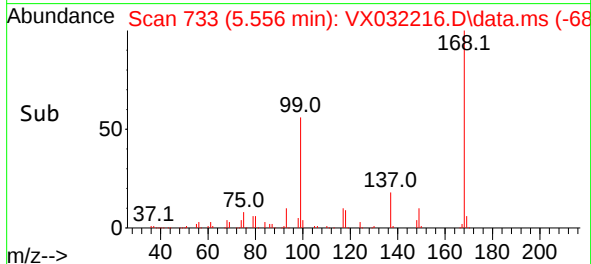
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion:168 Resp: 139808
Ion Ratio Lower Upper
168 100
99 56.3 44.8 67.2

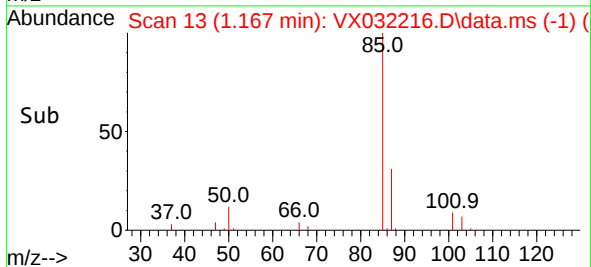
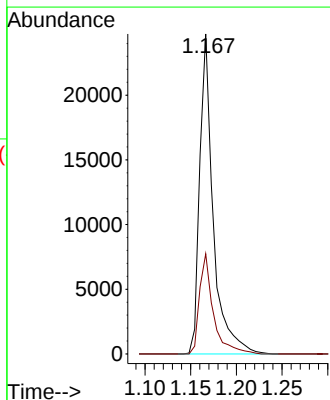
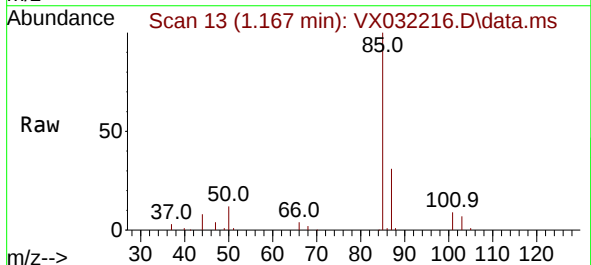
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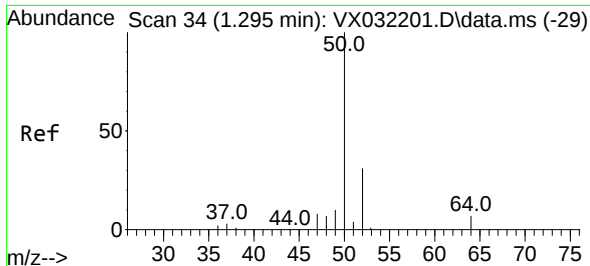
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 19.814 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

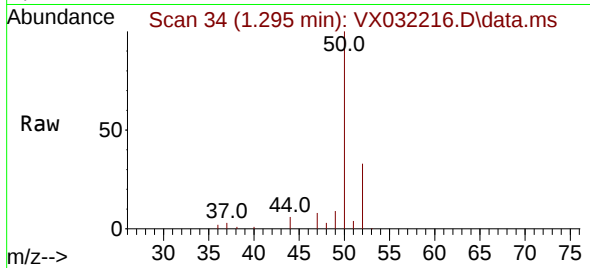
Tgt Ion: 85 Resp: 25343
Ion Ratio Lower Upper
85 100
87 31.3 16.8 50.4





#3
Chloromethane
Concen: 17.748 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

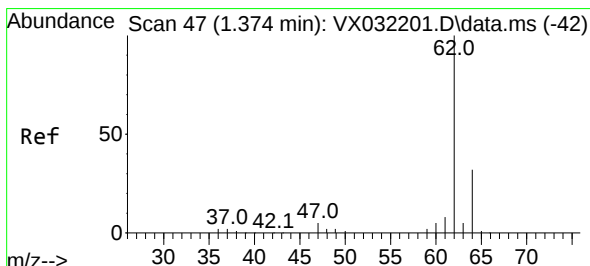
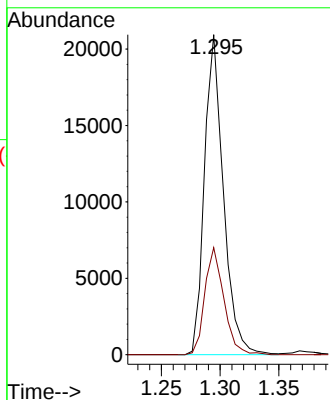
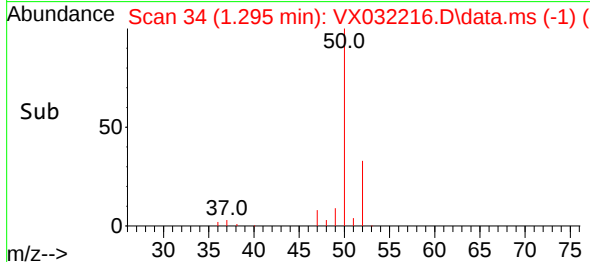
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2349
Ion Ratio Lower Upper
50 100
52 33.4 24.7 37.1

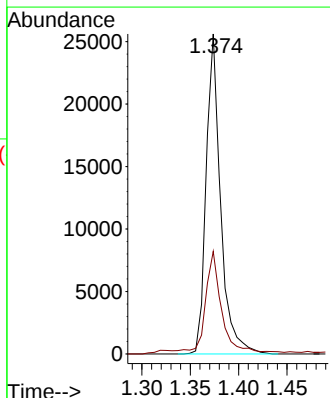
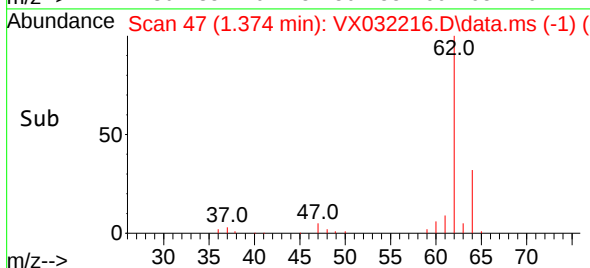
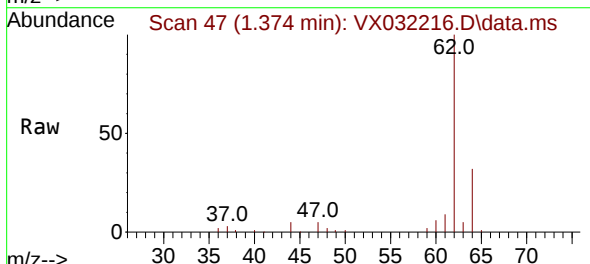
Manual Integrations
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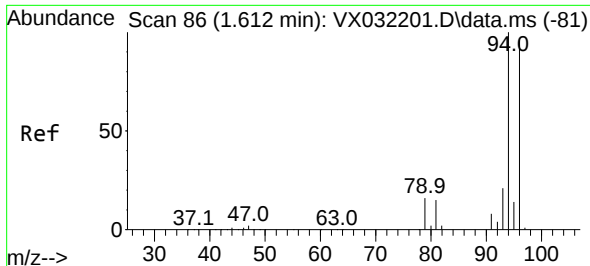
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#4
Vinyl Chloride
Concen: 19.351 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

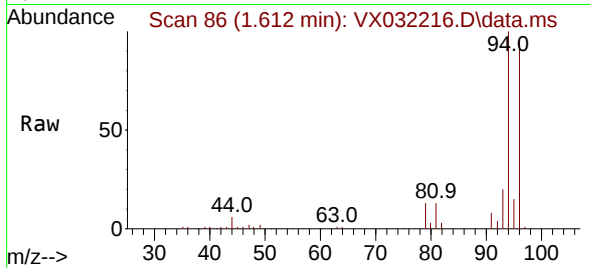
Tgt Ion: 62 Resp: 26657
Ion Ratio Lower Upper
62 100
64 31.4 26.6 39.8





#5
Bromomethane
Concen: 17.162 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

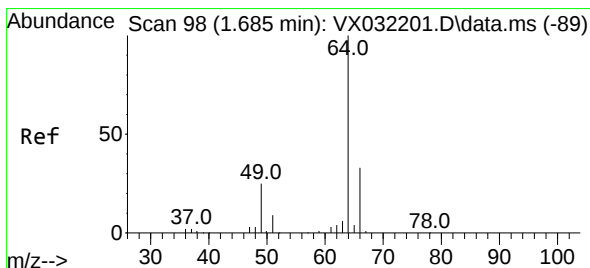
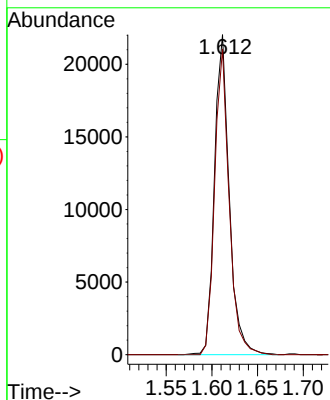
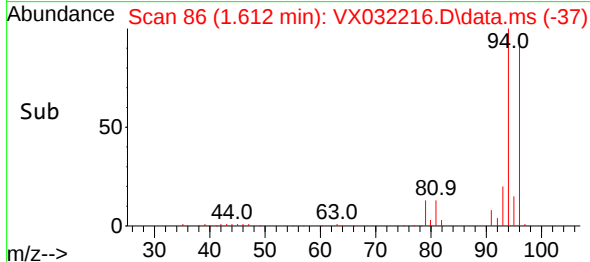
Instrument :
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Tgt Ion: 94 Resp: 2475
Ion Ratio Lower Upper
94 100
96 95.6 76.7 115.1

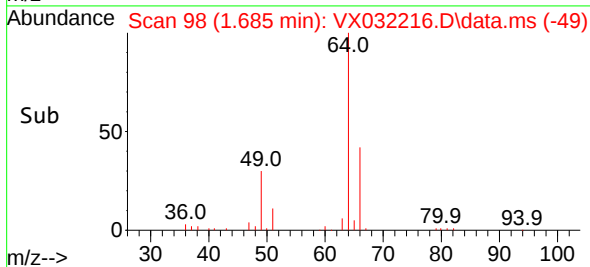
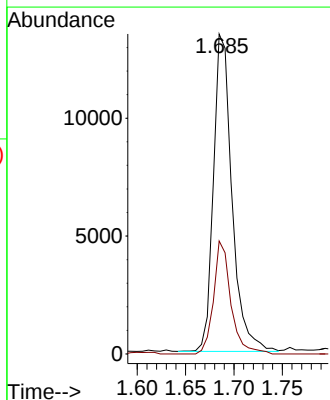
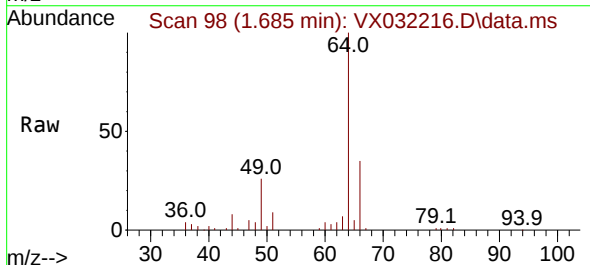
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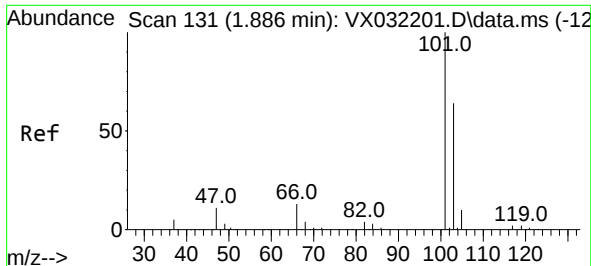
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 14.810 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

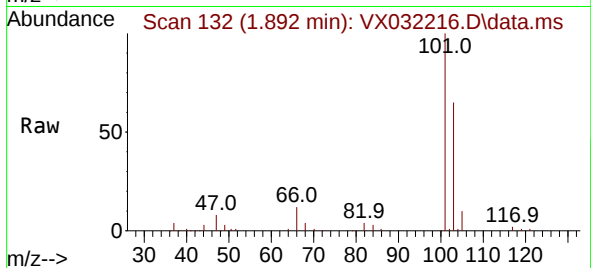
Tgt Ion: 64 Resp: 17898
Ion Ratio Lower Upper
64 100
66 35.6 26.6 39.8





#7
Trichlorofluoromethane
Concen: 20.630 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

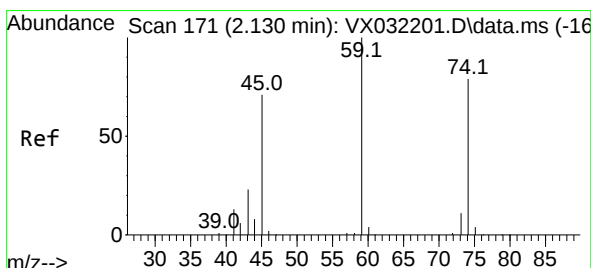
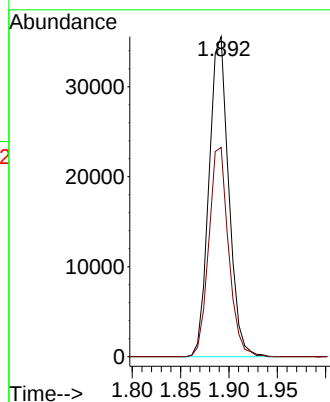
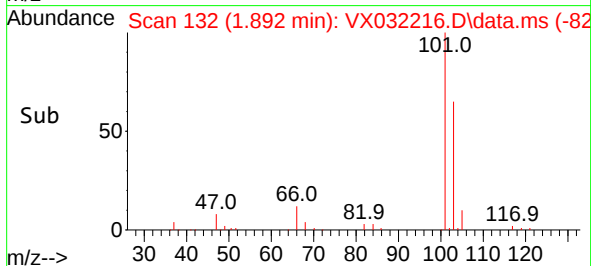
Instrument :
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ClientSampleId :
VX1019WBS01



Tgt Ion:101 Resp: 5052
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9

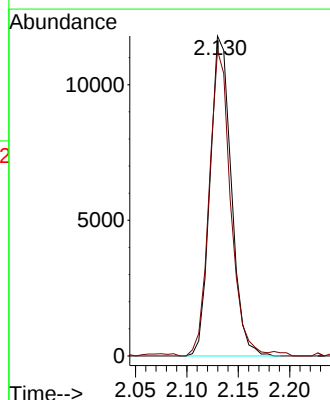
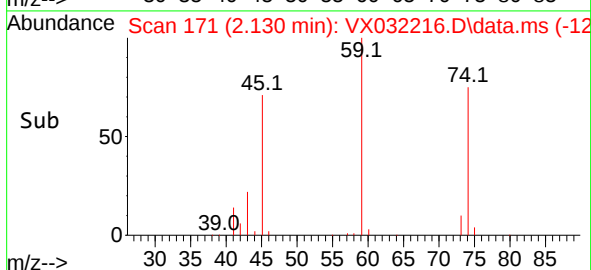
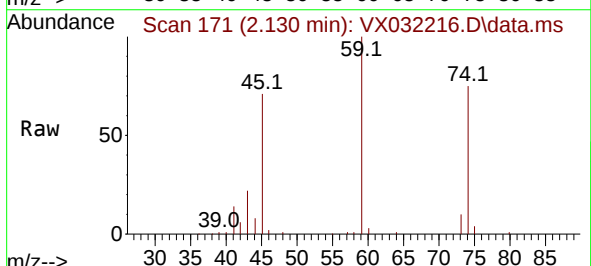
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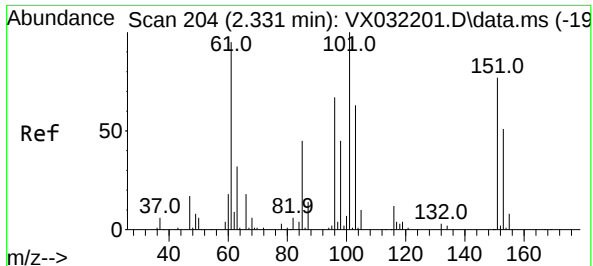
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#8
Diethyl Ether
Concen: 20.346 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 74 Resp: 16932
Ion Ratio Lower Upper
74 100
45 96.3 45.9 137.6





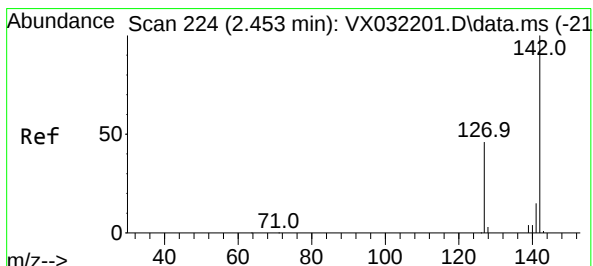
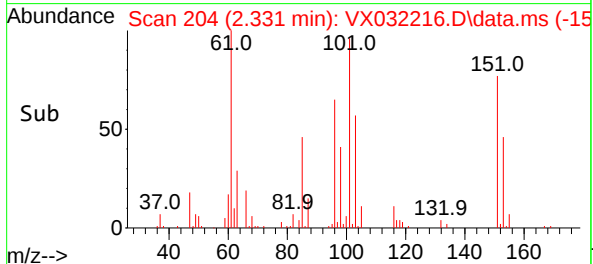
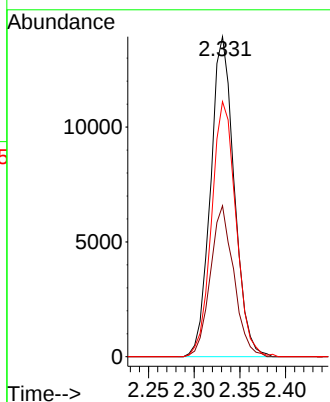
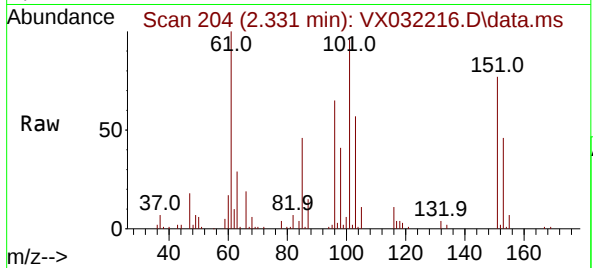
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.911 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion:101 Resp: 2510
Ion Ratio Lower Upper
101 100
85 46.7 36.5 54.7
151 81.9 65.5 98.3

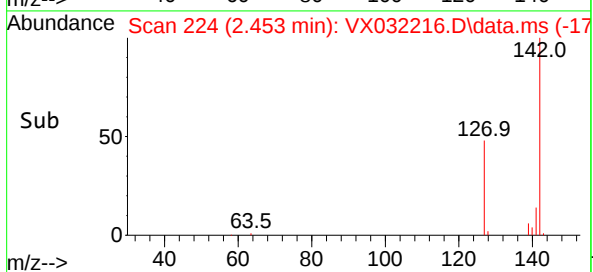
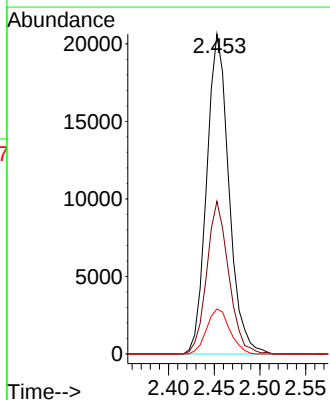
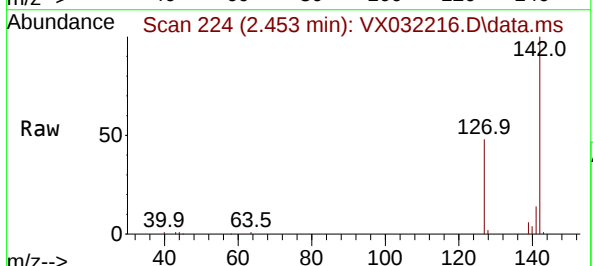
Manual Integrations
APPROVED

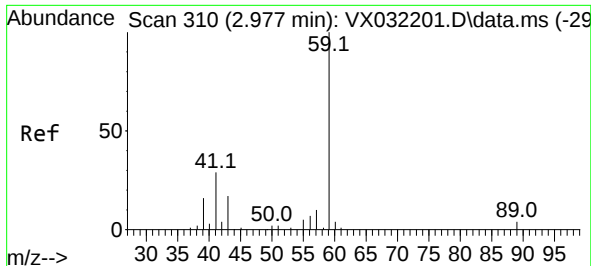
Reviewed By :John Carbone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 18.175 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion:142 Resp: 34871
Ion Ratio Lower Upper
142 100
127 47.1 36.9 55.3
141 14.7 11.4 17.2





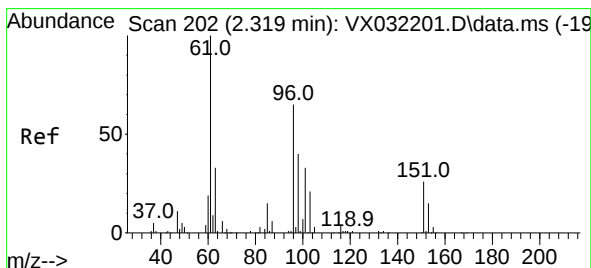
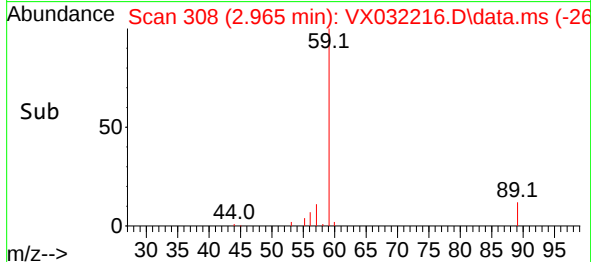
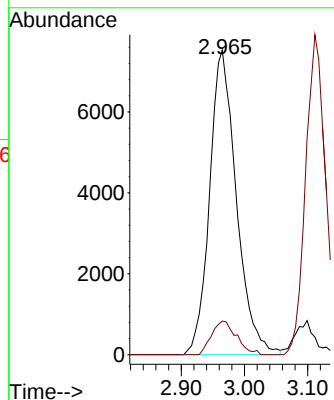
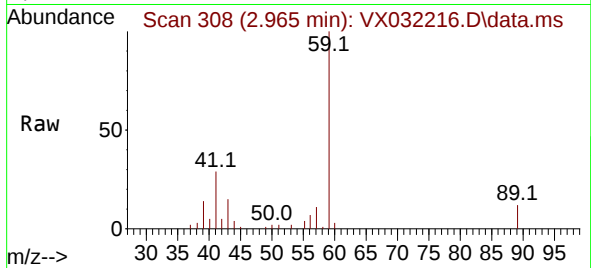
#11
Tert butyl alcohol
Concen: 69.743 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion: 59 Resp: 22129
Ion Ratio Lower Upper
59 100
57 10.3 7.5 11.3

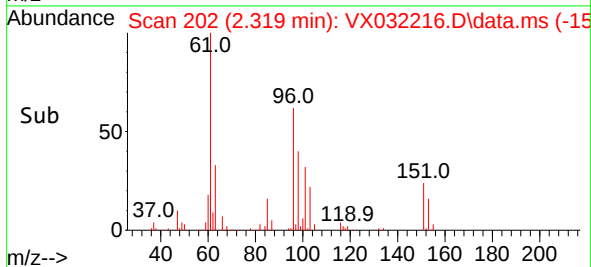
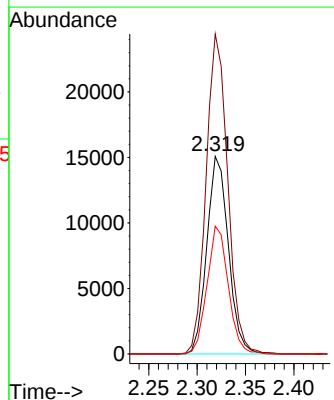
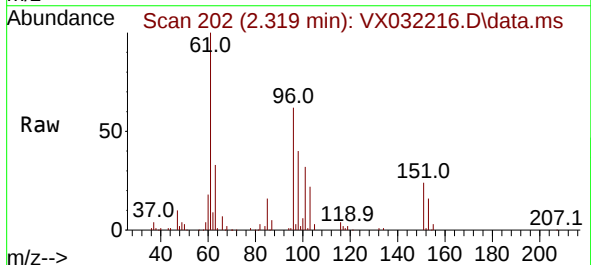
Manual Integrations
APPROVED

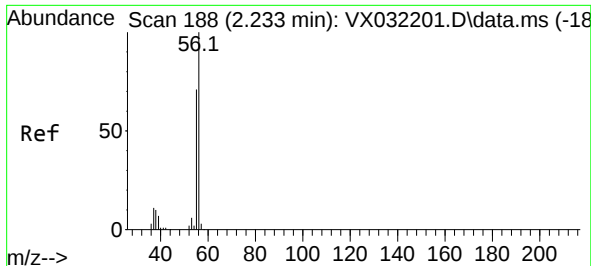
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 18.785 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 96 Resp: 23441
Ion Ratio Lower Upper
96 100
61 161.9 124.0 186.0
98 64.7 50.0 75.0





#13

Acrolein

Concen: 118.517 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 56 Resp: 26240

Ion Ratio Lower Upper

56 100

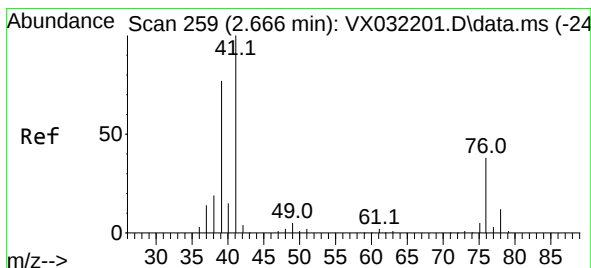
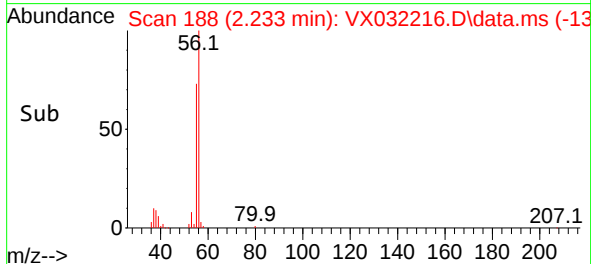
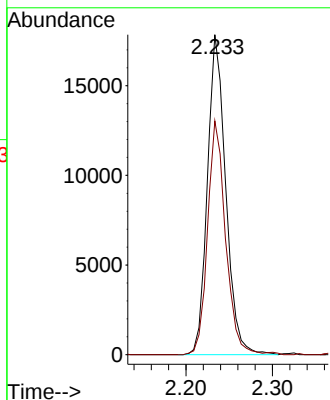
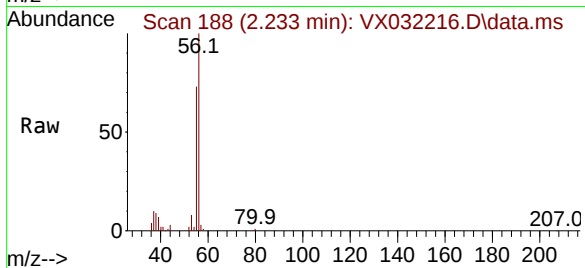
55 72.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#14

Allyl chloride

Concen: 18.795 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

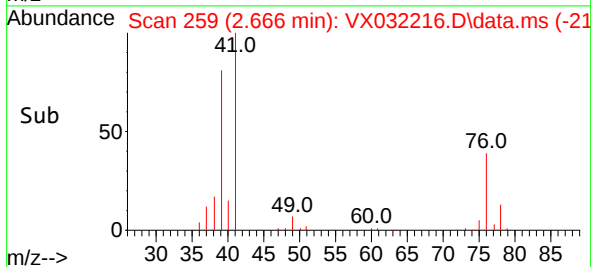
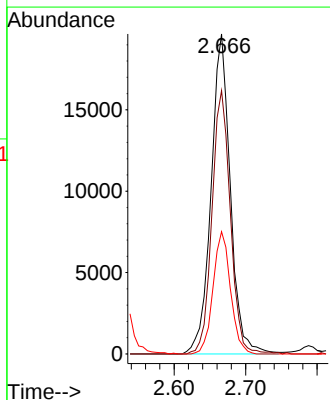
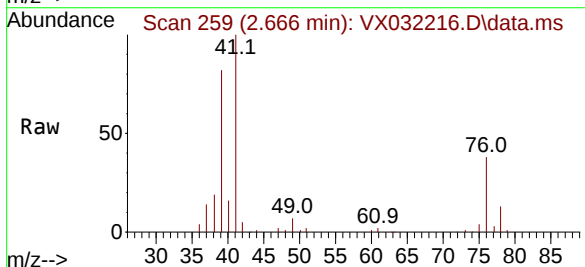
Tgt Ion: 41 Resp: 36837

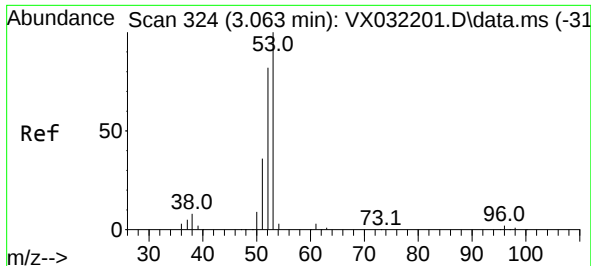
Ion Ratio Lower Upper

41 100

39 78.6 59.5 89.3

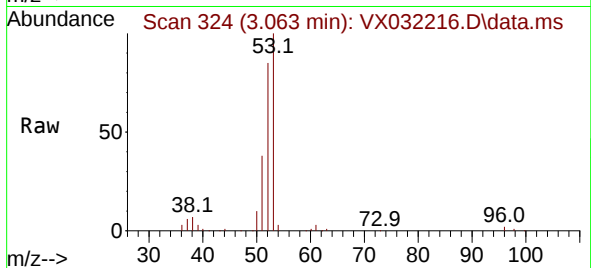
76 34.6 28.6 42.8





#15
Acrylonitrile
Concen: 90.248 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

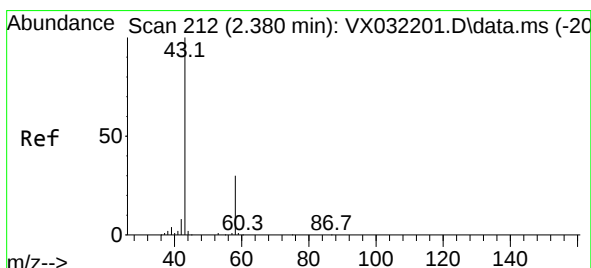
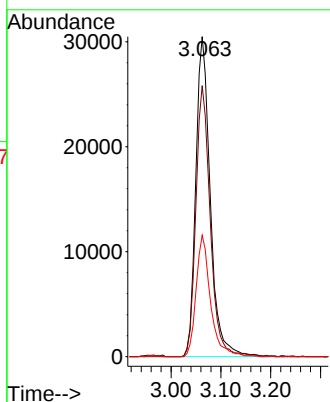
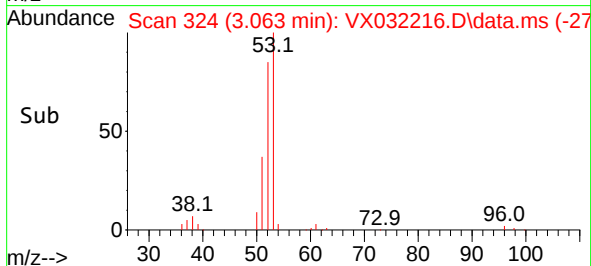
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 53 Resp: 61560
Ion Ratio Lower Upper
53 100
52 84.0 65.9 98.9
51 37.9 29.7 44.5

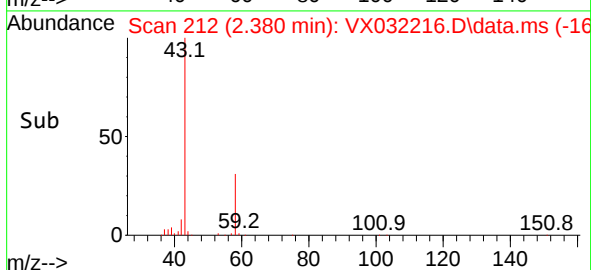
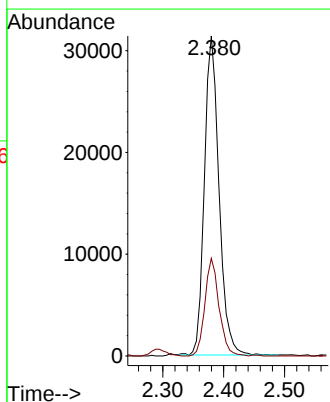
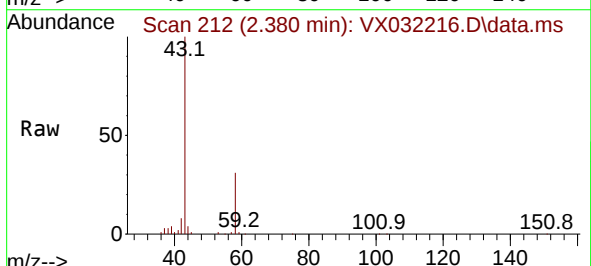
Manual Integrations
APPROVED

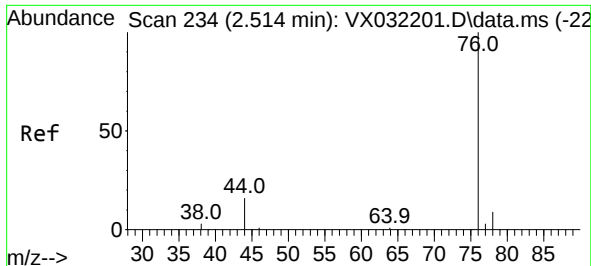
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 88.668 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

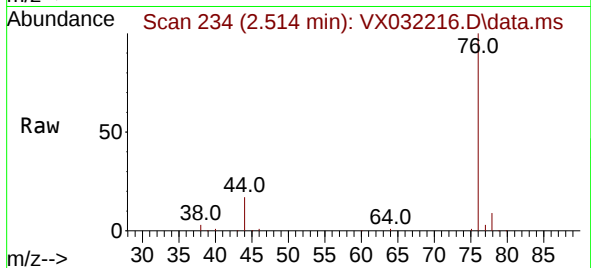
Tgt Ion: 43 Resp: 52334
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.2





#17
Carbon Disulfide
Concen: 17.899 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

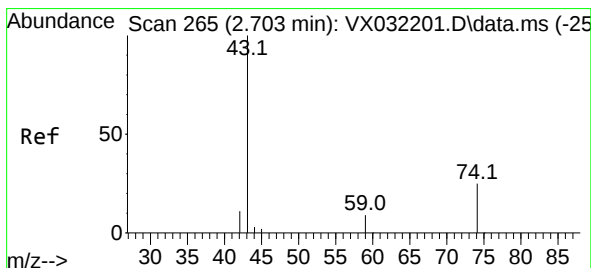
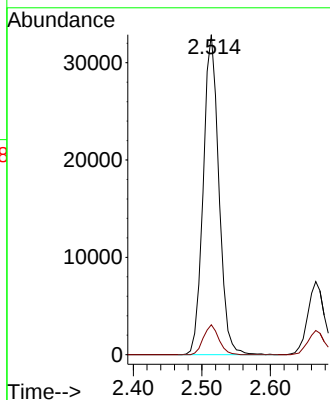
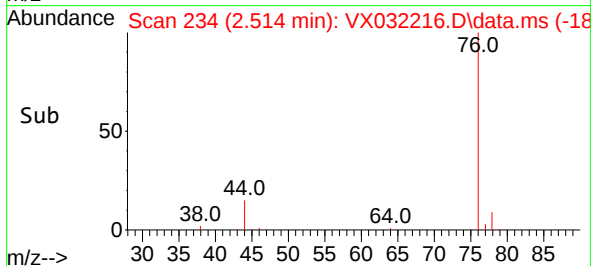
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 76 Resp: 52290
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

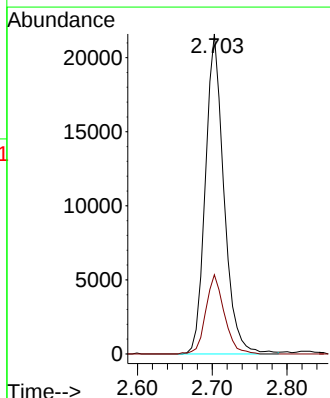
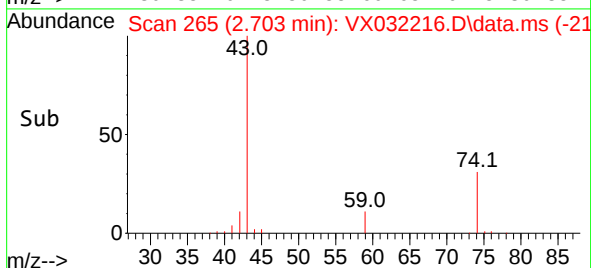
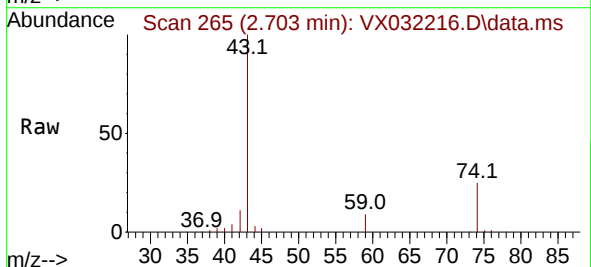
Manual Integrations
APPROVED

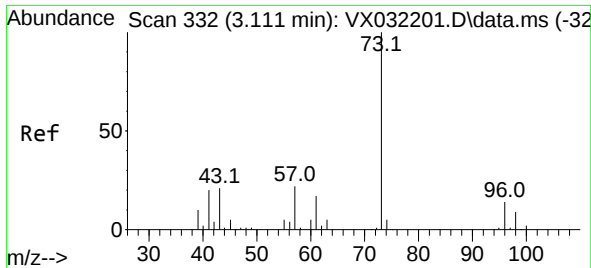
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#18
Methyl Acetate
Concen: 18.574 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 43 Resp: 37218
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8





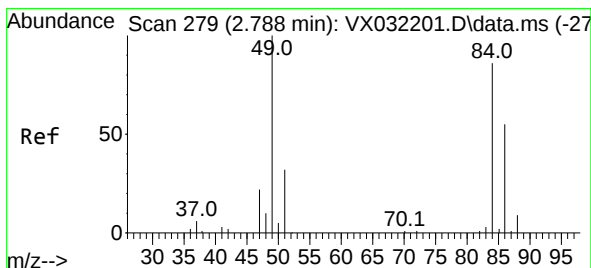
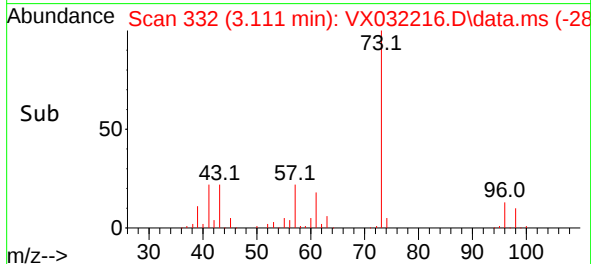
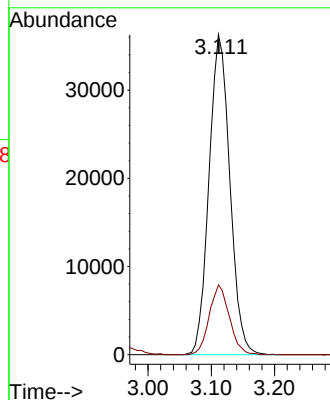
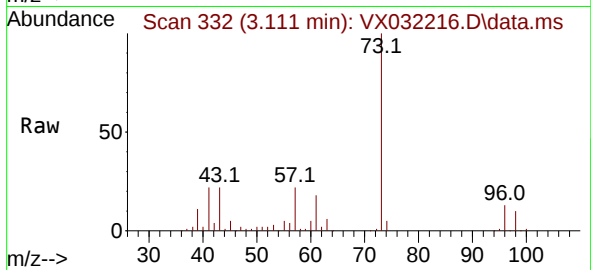
#19
Methyl tert-butyl Ether
Concen: 19.305 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion: 73 Resp: 83012
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

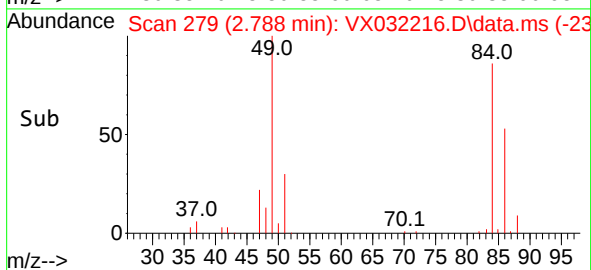
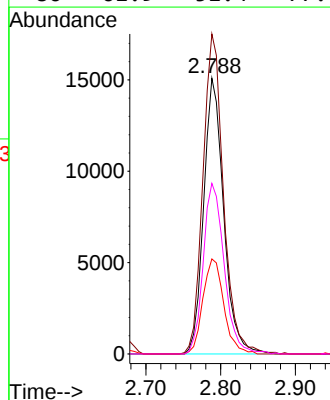
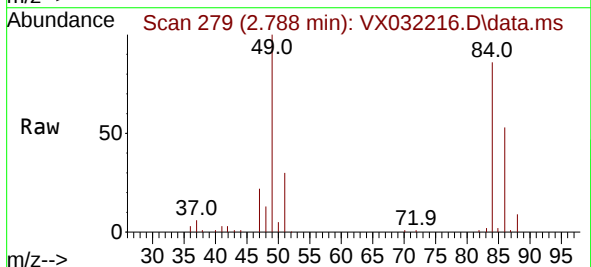
Manual Integrations
APPROVED

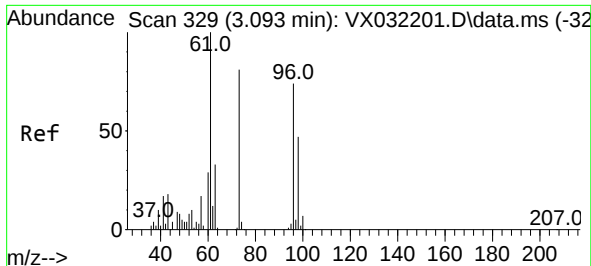
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 18.499 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

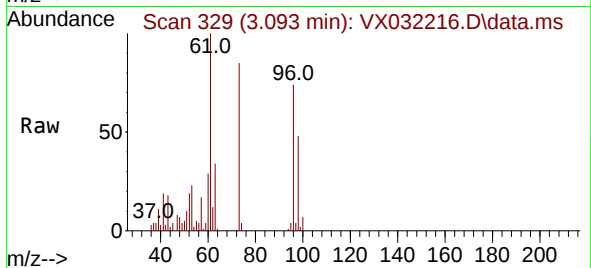
Tgt Ion: 84 Resp: 28036
Ion Ratio Lower Upper
84 100
49 116.1 92.6 139.0
51 34.5 29.2 43.8
86 61.9 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 18.570 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

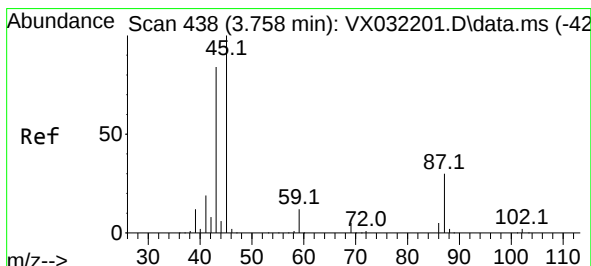
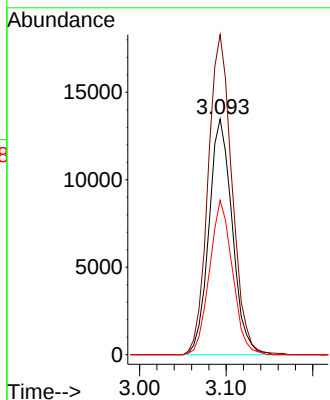
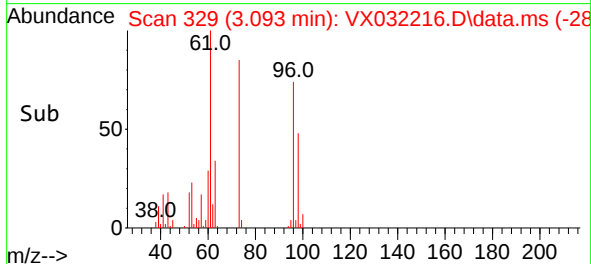
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 96 Resp: 25239
Ion Ratio Lower Upper
96 100
61 135.8 107.7 161.5
98 65.5 50.2 75.4

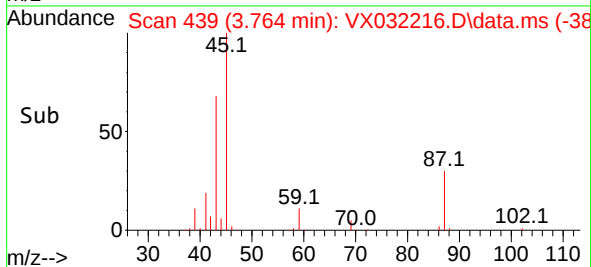
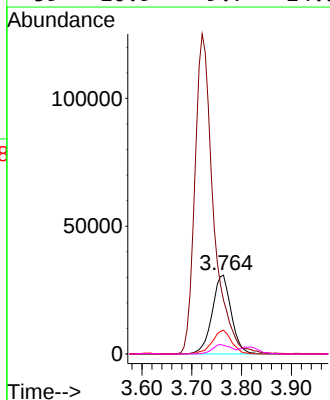
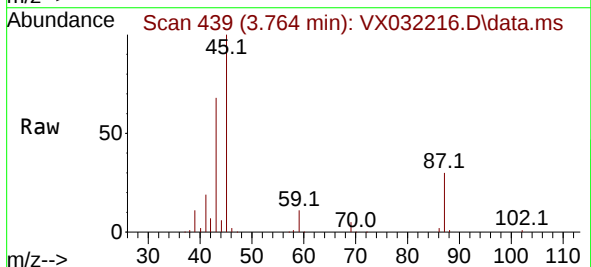
Manual Integrations
APPROVED

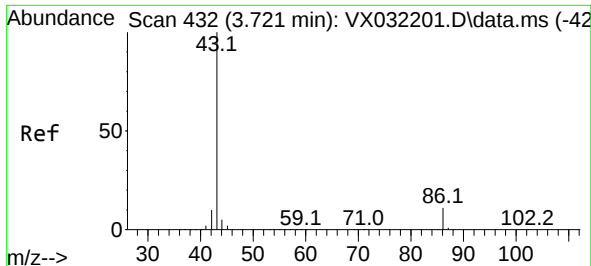
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 19.039 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 45 Resp: 81712
Ion Ratio Lower Upper
45 100
43 67.9 67.5 101.3
87 30.0 24.0 36.0
59 10.9 9.7 14.5





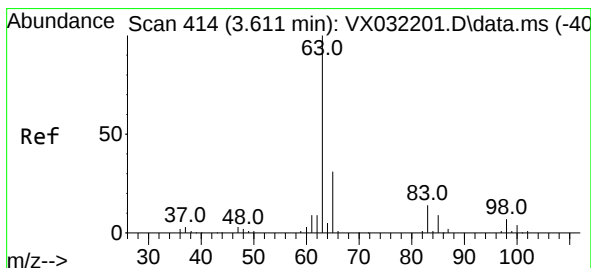
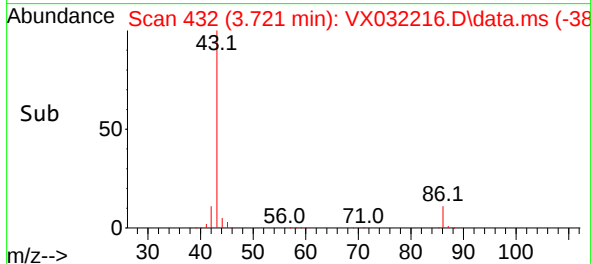
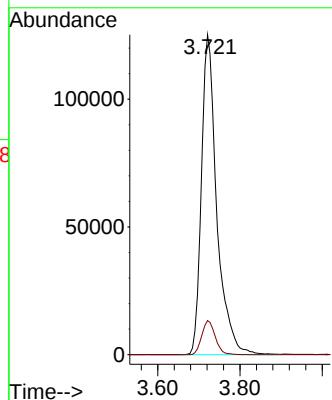
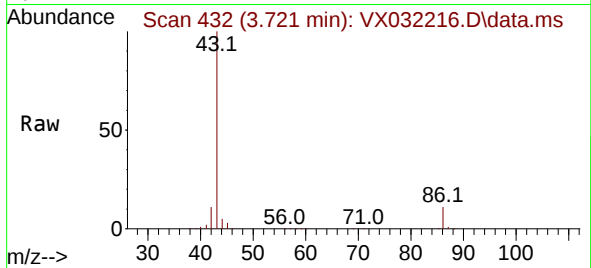
#23
 Vinyl Acetate
 Concen: 94.621 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032216.D
 Acq: 19 Oct 2022 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tgt Ion: 43 Resp: 32458
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

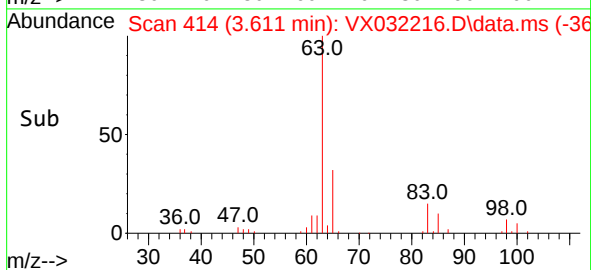
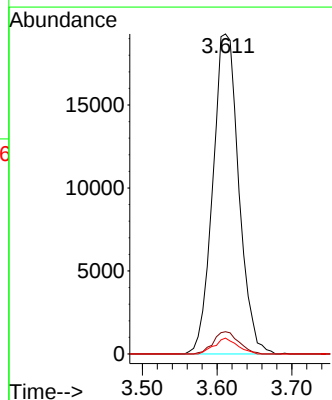
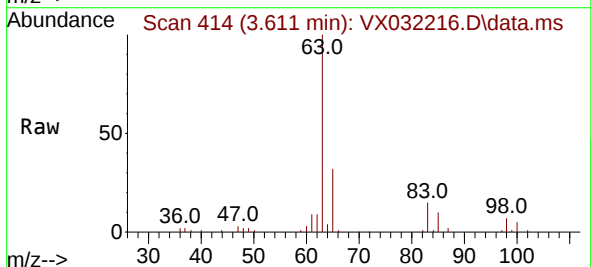
Manual Integrations
 APPROVED

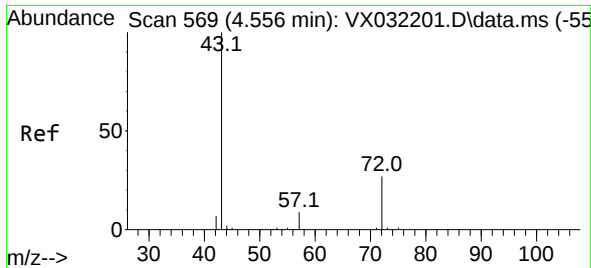
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 18.814 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032216.D
 Acq: 19 Oct 2022 18:32

Tgt Ion: 63 Resp: 46655
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 5.0 2.1 6.3





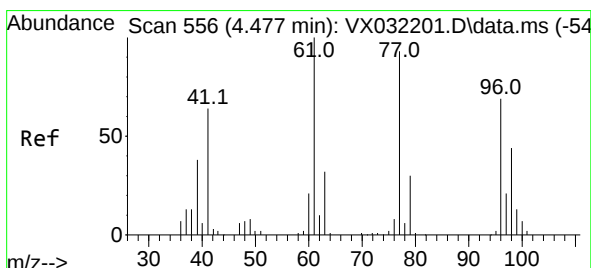
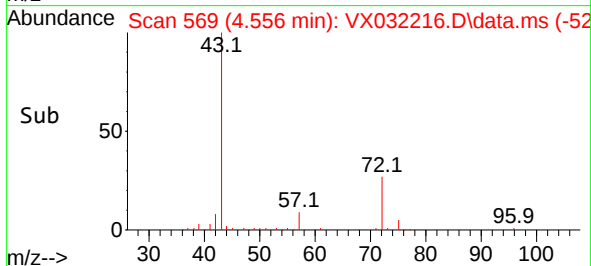
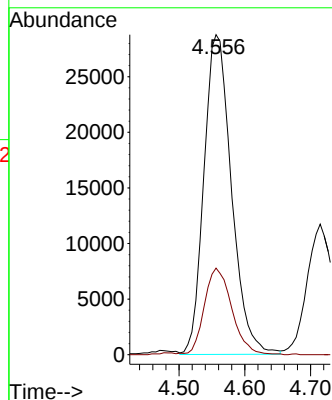
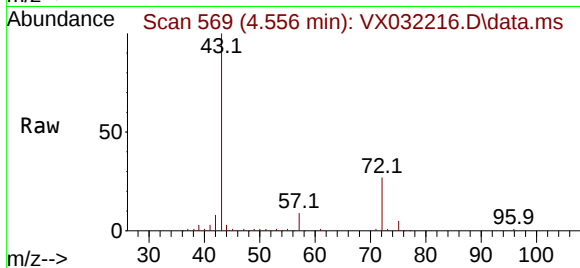
#25
2-Butanone
Concen: 90.894 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion: 43 Resp: 83759
Ion Ratio Lower Upper
43 100
72 27.0 21.7 32.5

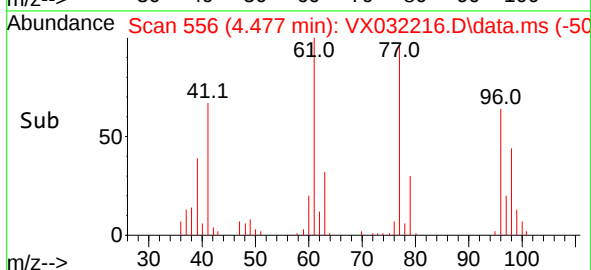
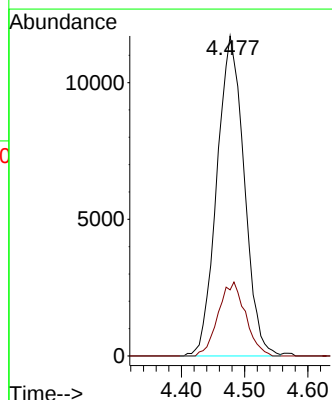
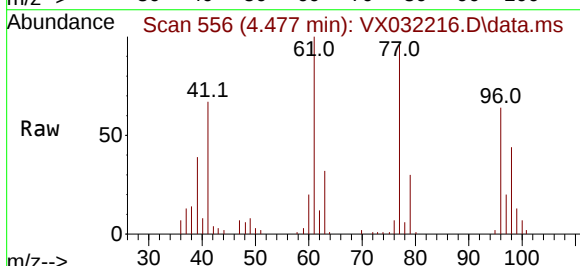
Manual Integrations
APPROVED

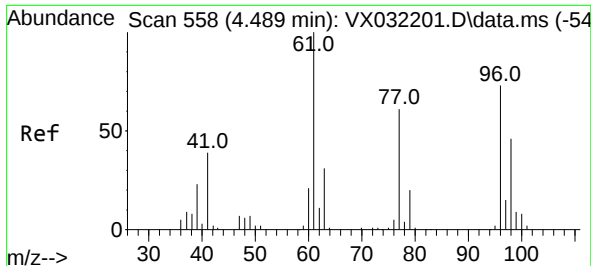
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#26
2,2-Dichloropropane
Concen: 19.628 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 77 Resp: 35069
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.063 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 96 Resp: 3033

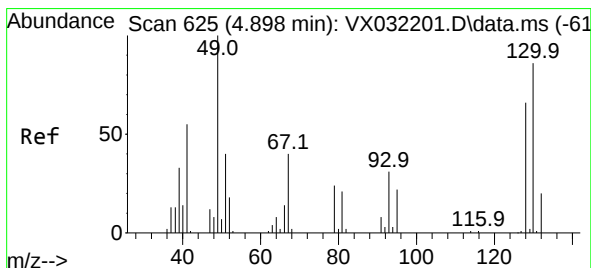
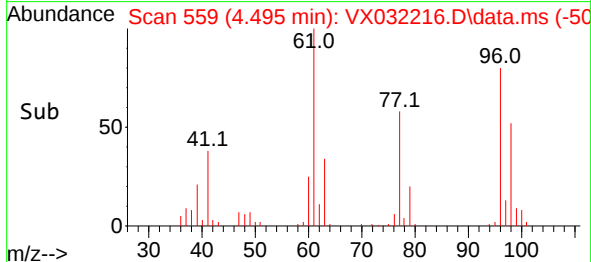
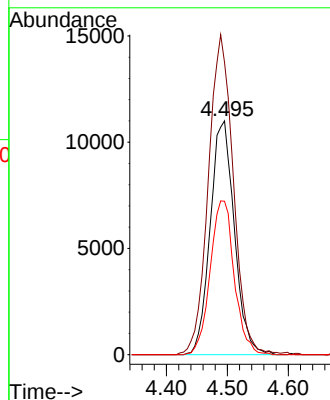
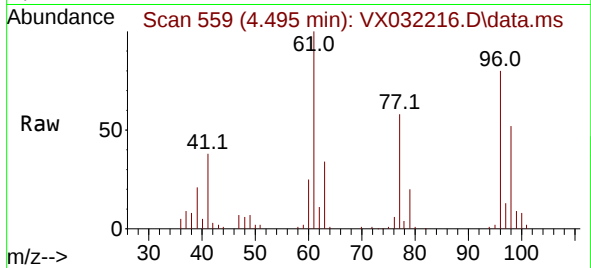
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	279.2
98	65.6	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#28

Bromochloromethane

Concen: 18.719 ug/l

RT: 4.898 min Scan# 625

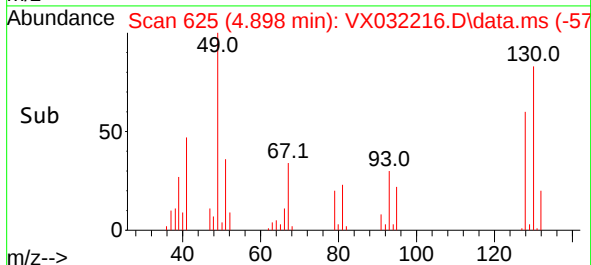
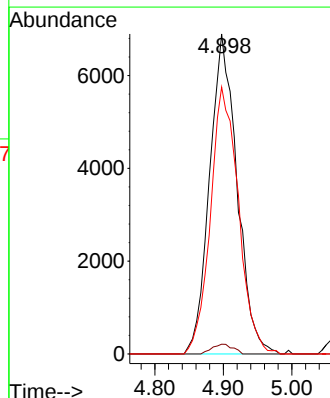
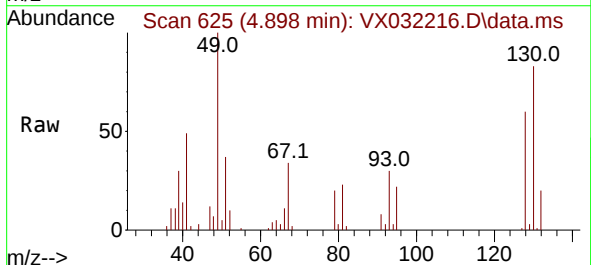
Delta R.T. -0.000 min

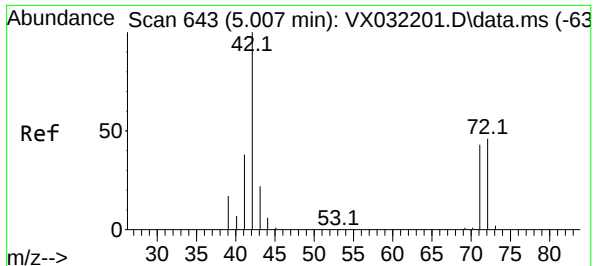
Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Tgt Ion: 49 Resp: 19151

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	85.1	68.3	102.5





#29

Tetrahydrofuran

Concen: 88.771 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 42 Resp: 52834

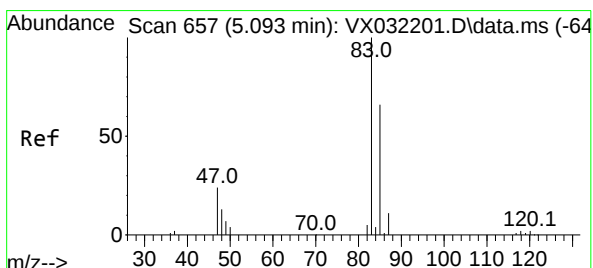
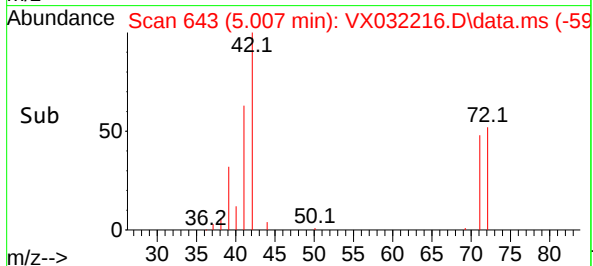
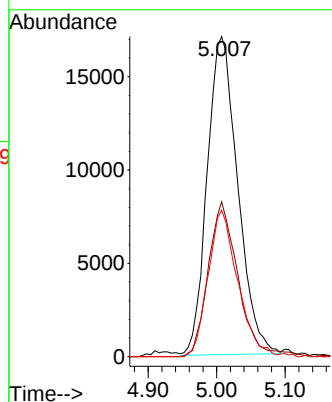
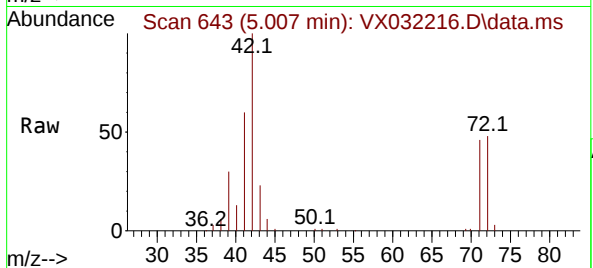
Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.5	56.3
71	44.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 18.948 ug/l

RT: 5.099 min Scan# 658

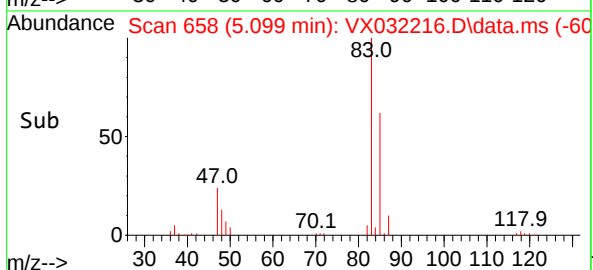
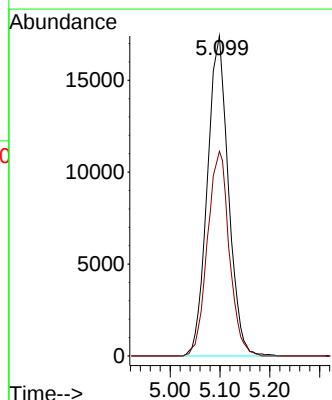
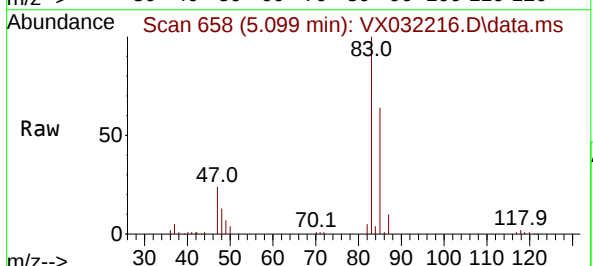
Delta R.T. 0.006 min

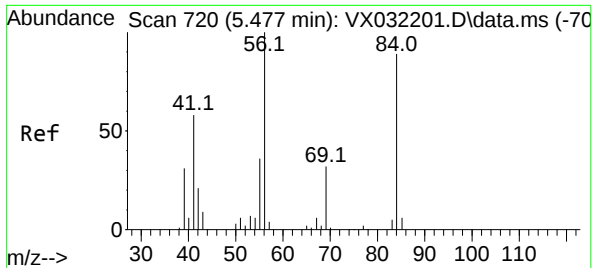
Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Tgt Ion: 83 Resp: 51142

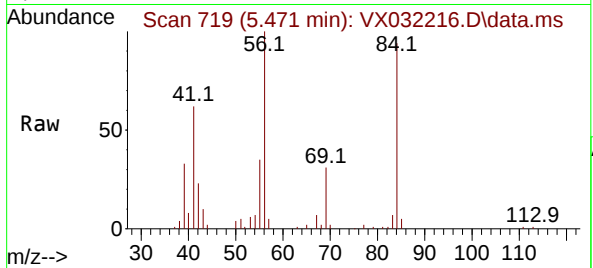
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.5	78.7





#31
Cyclohexane
Concen: 19.362 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

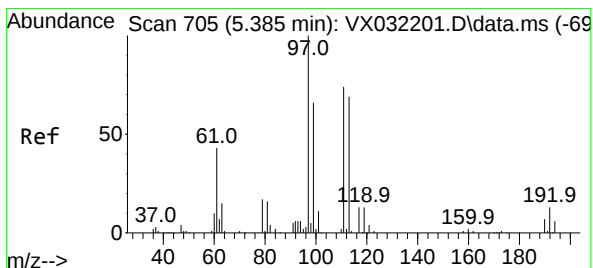
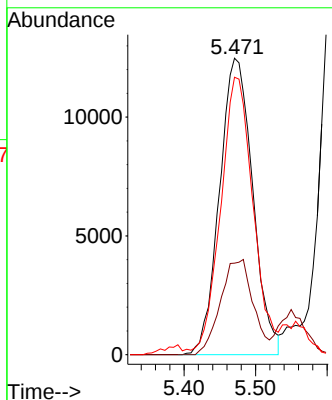
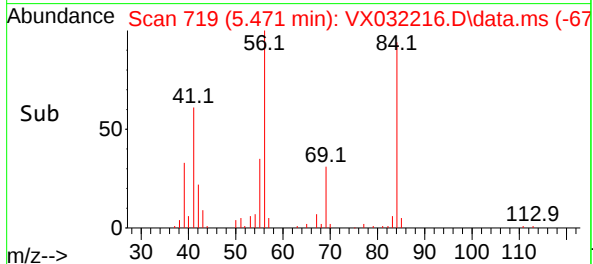
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



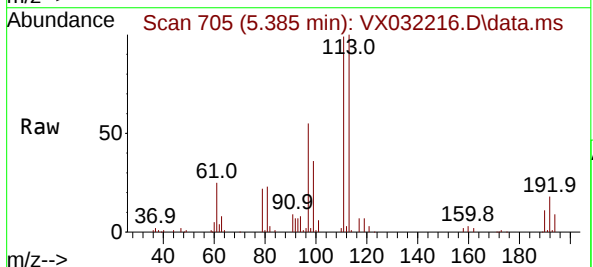
Tgt Ion: 56 Resp: 40258
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.0
84 90.2 71.2 106.8

Manual Integrations
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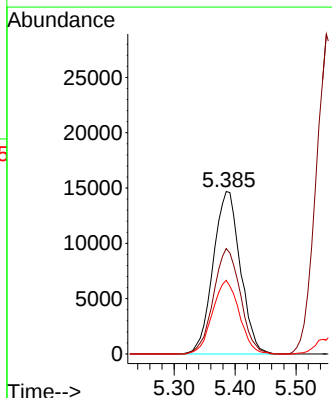
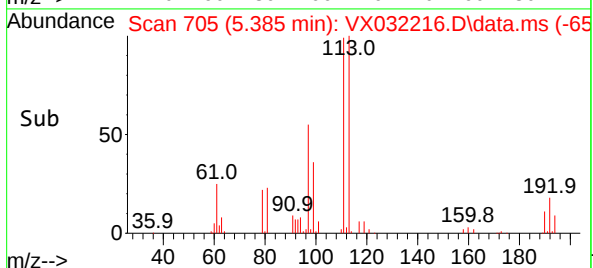
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

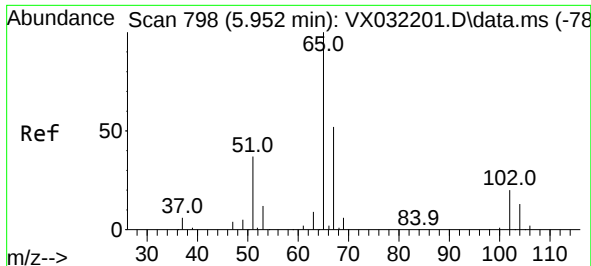


#32
1,1,1-Trichloroethane
Concen: 19.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



Tgt Ion: 97 Resp: 45563
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 44.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.060 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 65 Resp: 9650

Ion Ratio Lower Upper

65 100

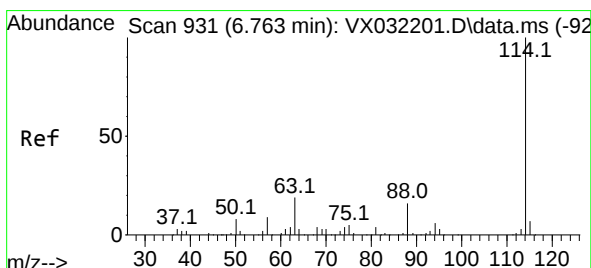
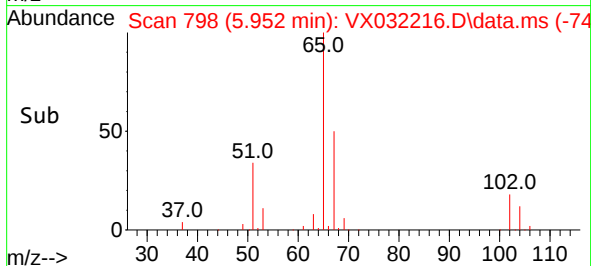
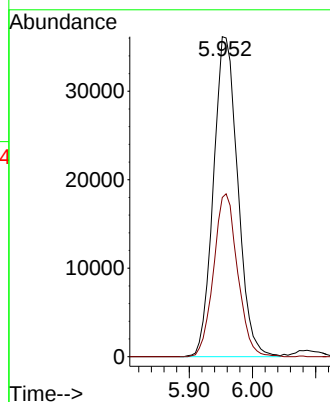
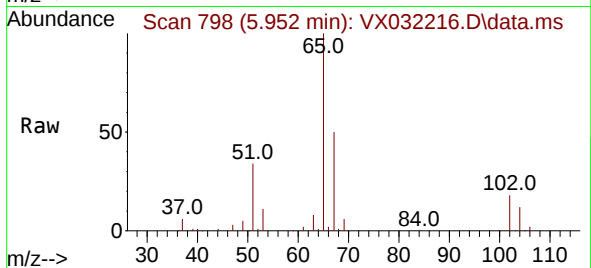
67 50.1 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

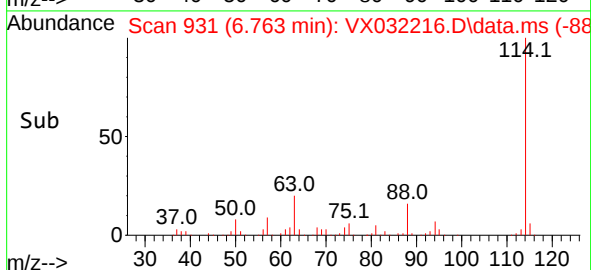
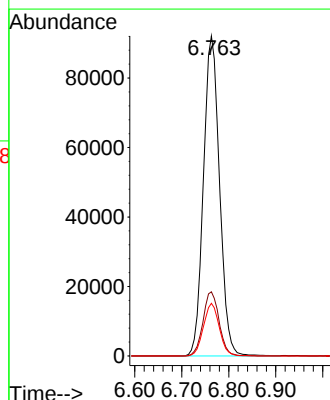
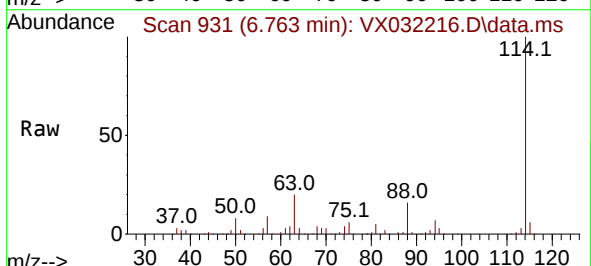
Tgt Ion:114 Resp: 218913

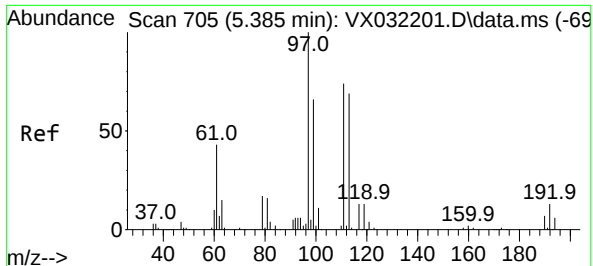
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.779 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

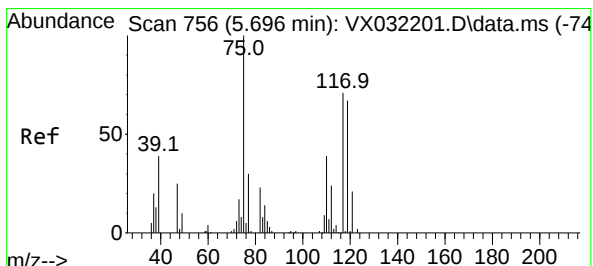
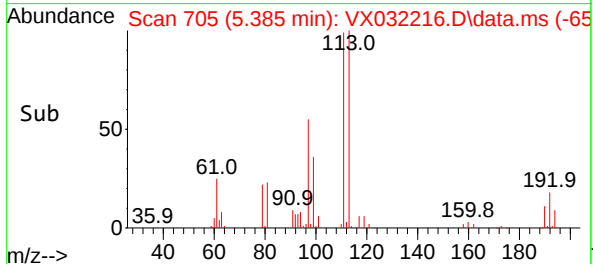
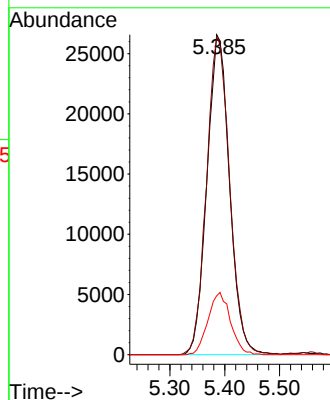
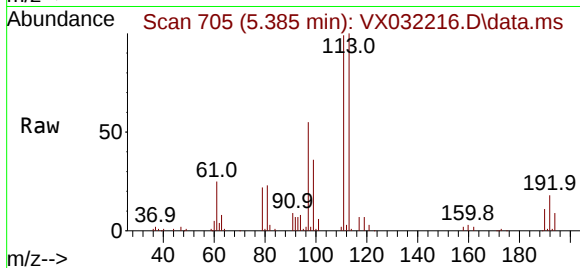
Tgt Ion:	113	Resp:	7583
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.8	124.2
192	19.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 18.592 ug/l

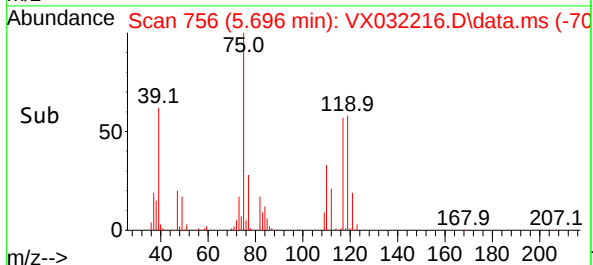
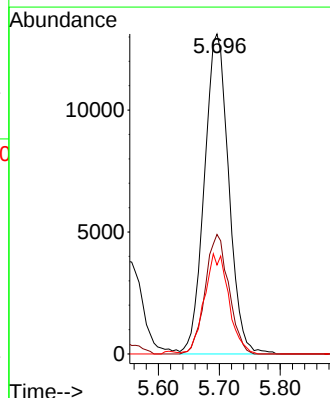
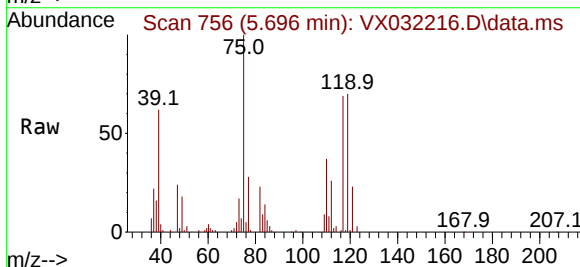
RT: 5.696 min Scan# 756

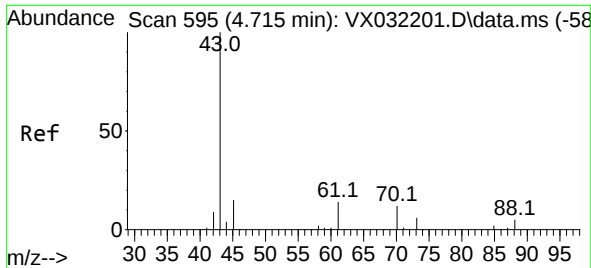
Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

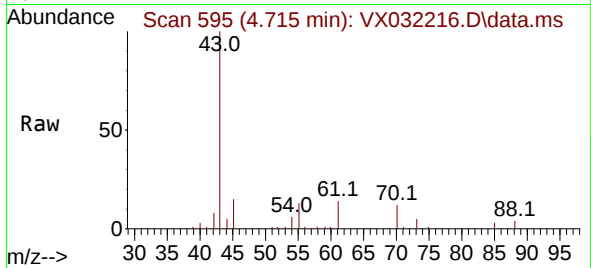
Tgt Ion:	75	Resp:	36433
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.4	55.0
77	31.5	24.7	37.1





#37
Ethyl Acetate
Concen: 17.779 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

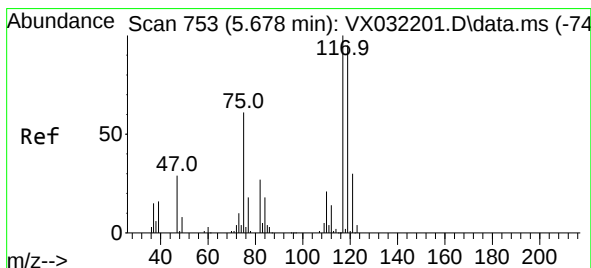
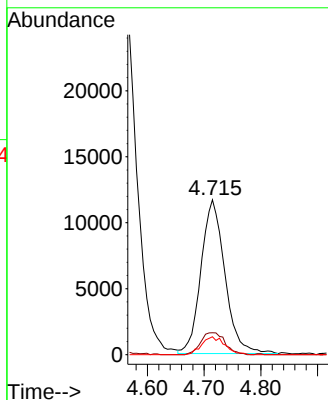
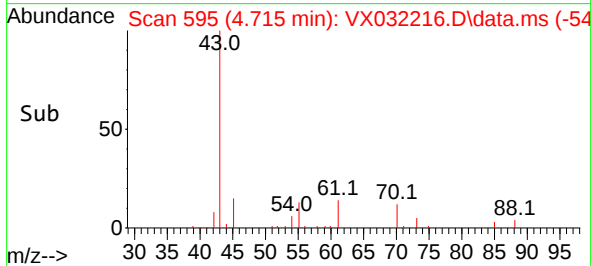
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 43 Resp: 3411
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.2
70 11.3 8.8 13.2

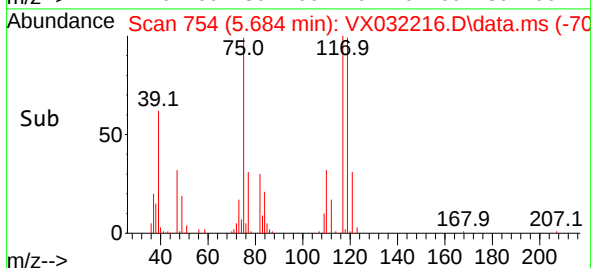
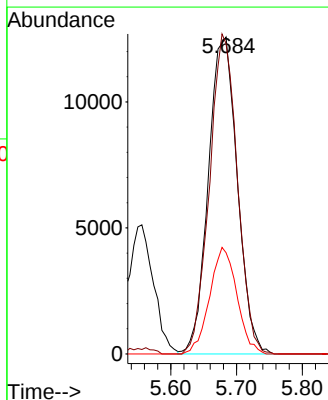
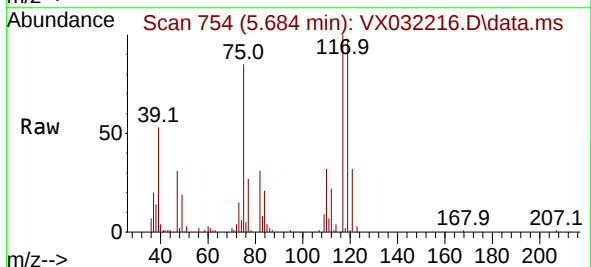
Manual Integrations
APPROVED

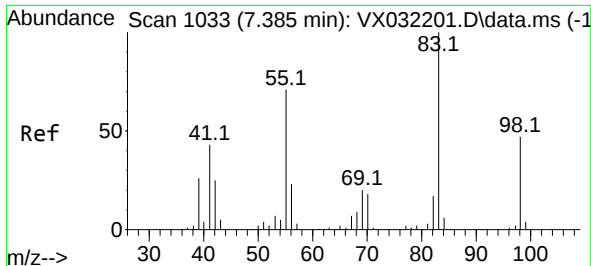
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#38
Carbon Tetrachloride
Concen: 18.642 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion:117 Resp: 38564
Ion Ratio Lower Upper
117 100
119 97.9 75.4 113.0
121 32.0 23.9 35.9





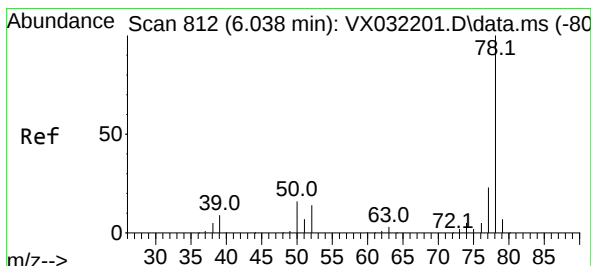
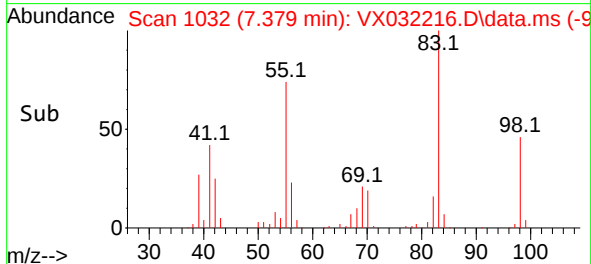
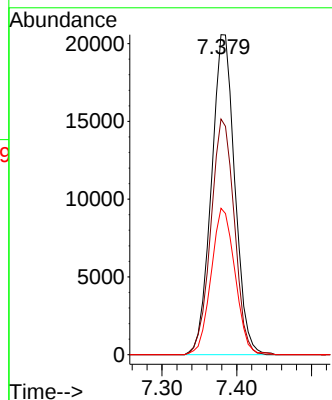
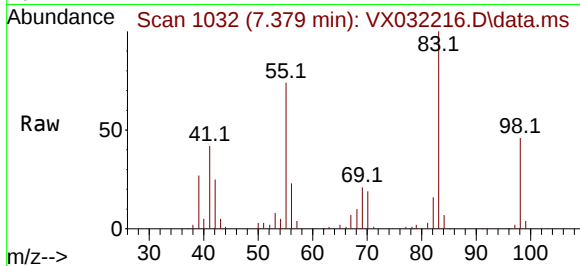
#39
Methylcyclohexane
Concen: 19.167 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion: 83 Resp: 44868
Ion Ratio Lower Upper
83 100
55 73.7 56.6 85.0
98 45.8 37.4 56.0

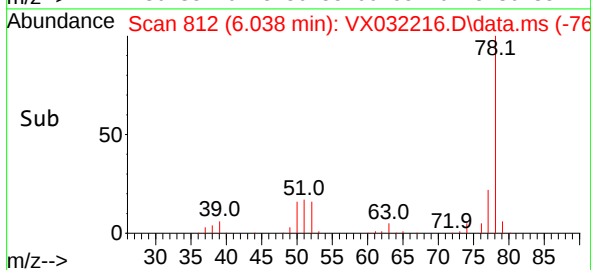
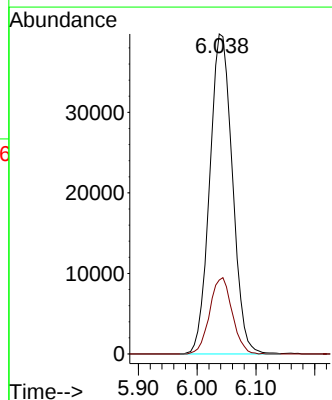
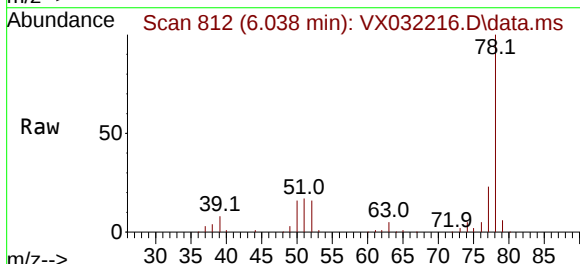
Manual Integrations
APPROVED

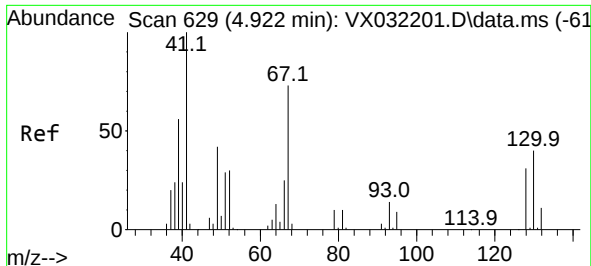
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#40
Benzene
Concen: 18.768 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

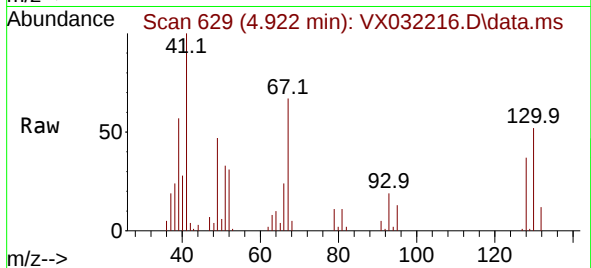
Tgt Ion: 78 Resp: 106593
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 19.310 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

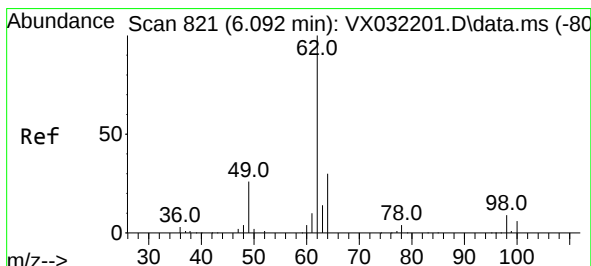
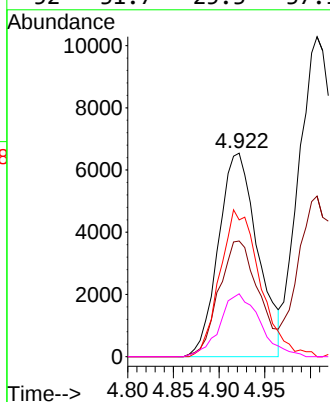
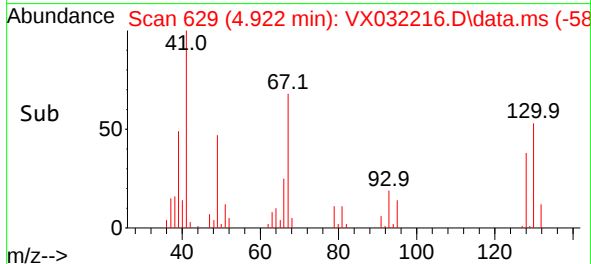
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 41 Resp: 1953
Ion Ratio Lower Upper
41 100
39 57.9 45.5 68.3
67 73.8 59.4 89.2
52 31.7 25.3 37.9

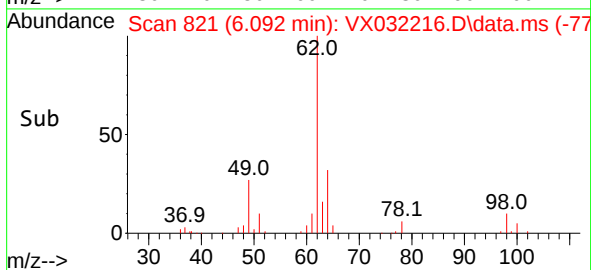
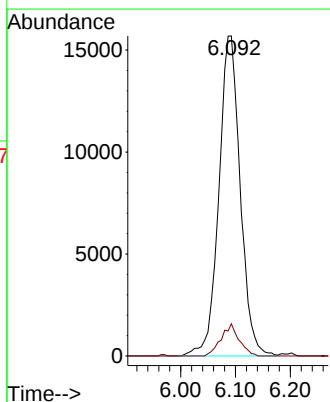
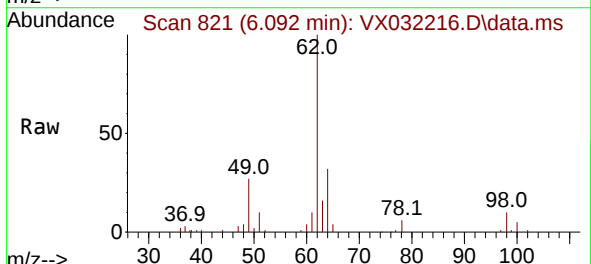
Manual Integrations
APPROVED

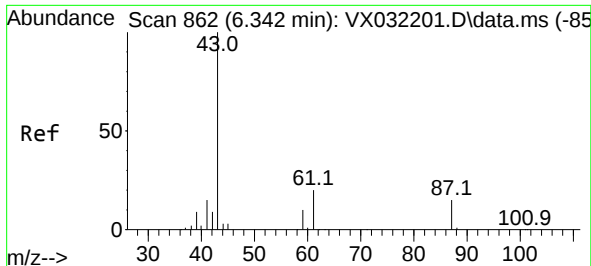
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 19.584 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 62 Resp: 42604
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.4





#43

Isopropyl Acetate

Concen: 18.725 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

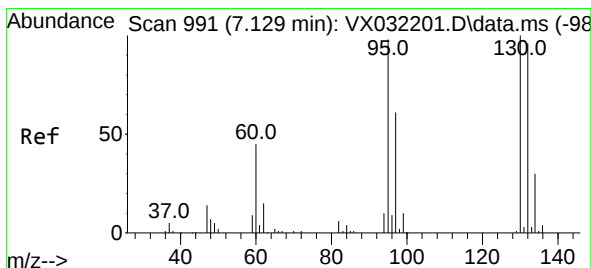
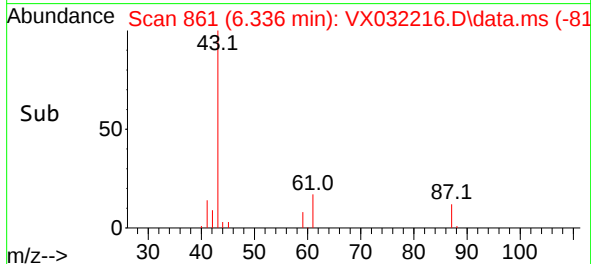
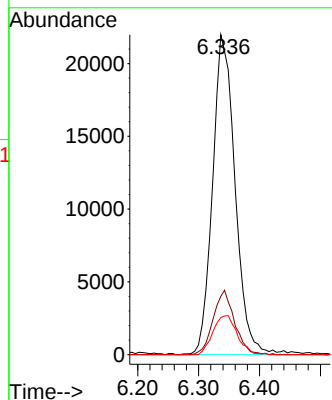
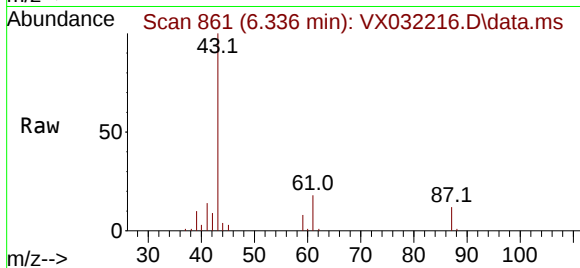
Tgt Ion: 43	Resp: 5638
Ion Ratio	Lower Upper
43 100	
61 19.1	15.5 23.3
87 13.2	11.0 16.6

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#44

Trichloroethene

Concen: 18.766 ug/l

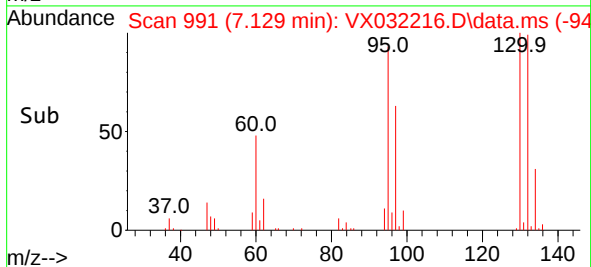
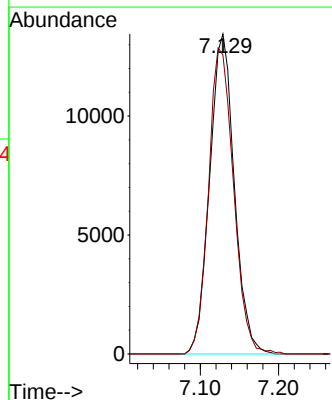
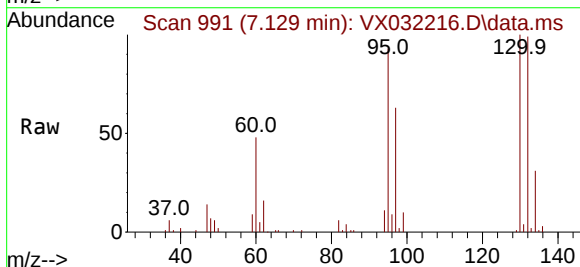
RT: 7.129 min Scan# 991

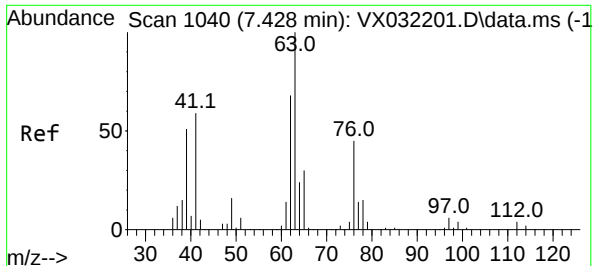
Delta R.T. -0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Tgt Ion:130	Resp: 29349
Ion Ratio	Lower Upper
130 100	
95 93.5	0.0 196.8





#45

1,2-Dichloropropane

Concen: 19.196 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 63 Resp: 2750

Ion Ratio Lower Upper

63 100

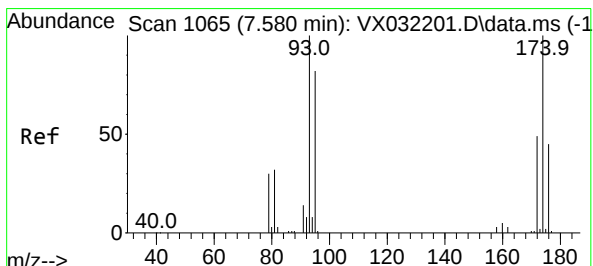
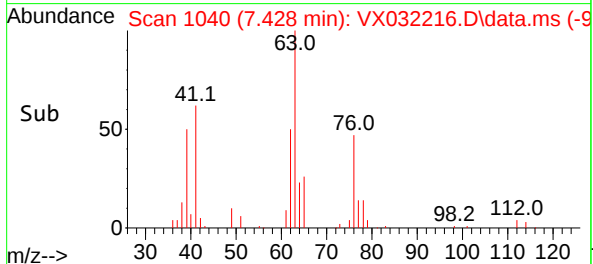
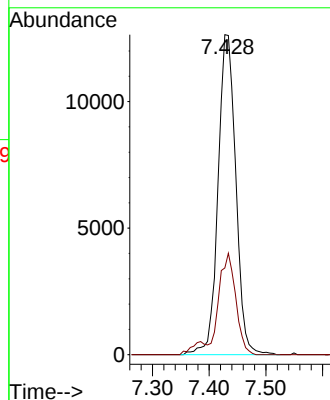
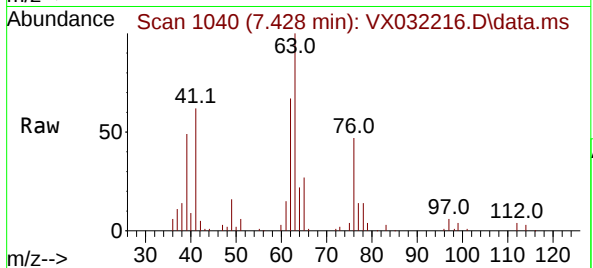
65 27.1 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 18.740 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

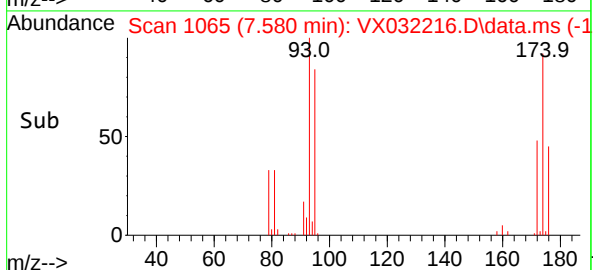
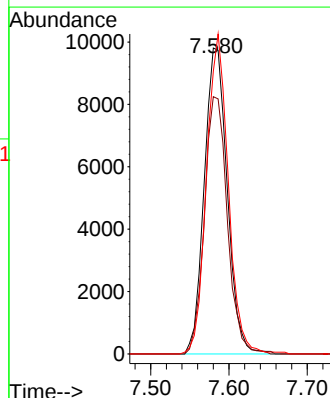
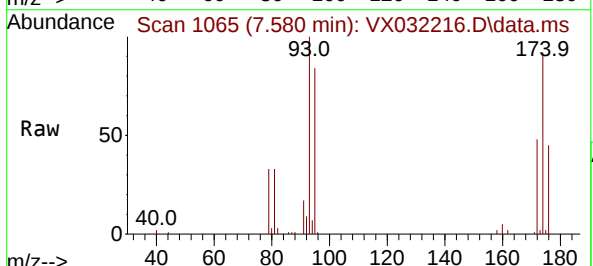
Tgt Ion: 93 Resp: 20025

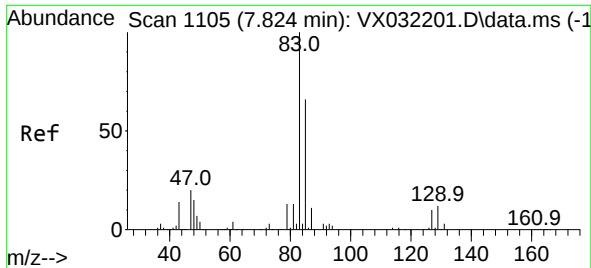
Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

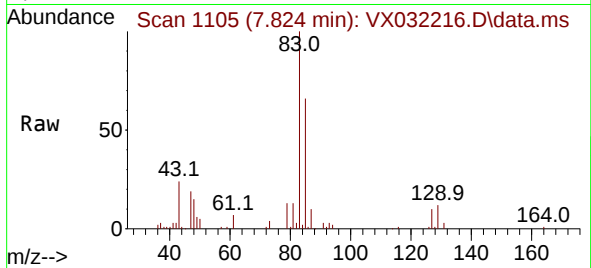
174 99.0 80.7 121.1





#47
Bromodichloromethane
Concen: 18.107 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

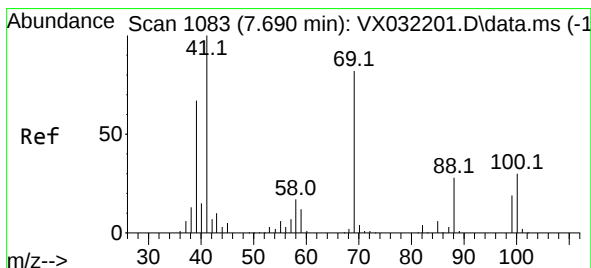
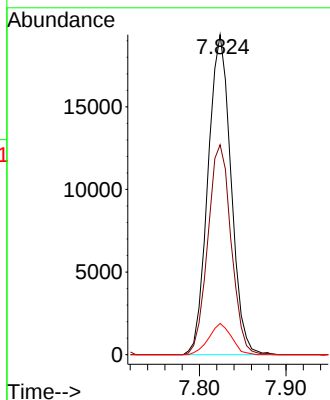
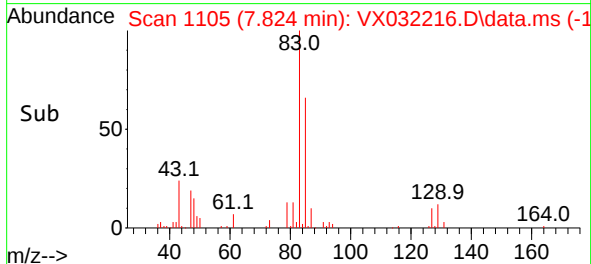
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



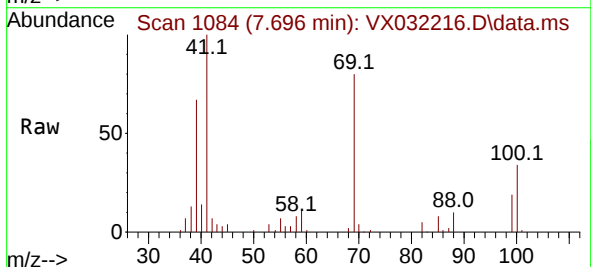
Tgt Ion: 83 Resp: 35744
Ion Ratio Lower Upper
83 100
85 65.6 53.0 79.6
127 9.7 7.8 11.8

Manual Integrations
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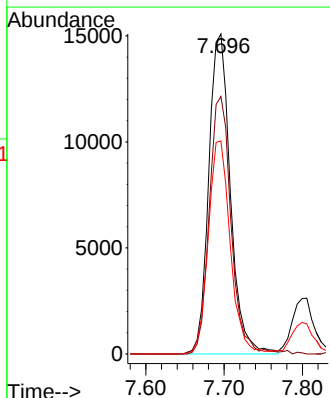
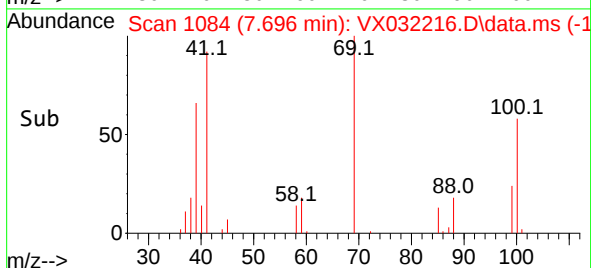
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

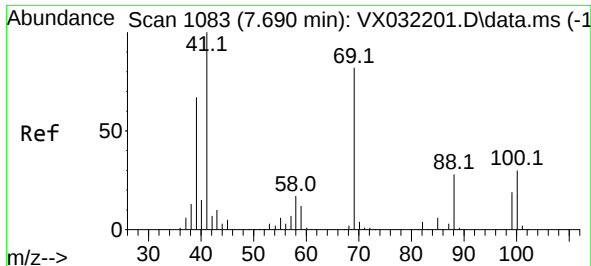


#48
Methyl methacrylate
Concen: 19.299 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



Tgt Ion: 41 Resp: 28983
Ion Ratio Lower Upper
41 100
69 80.8 67.3 100.9
39 67.6 53.8 80.8





#49

1,4-Dioxane

Concen: 336.300 ug/l

RT: 7.678 min Scan# 1083

Delta R.T. -0.012 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

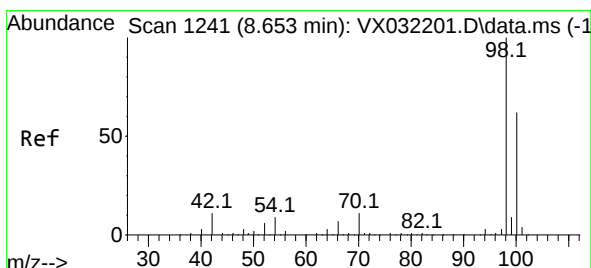
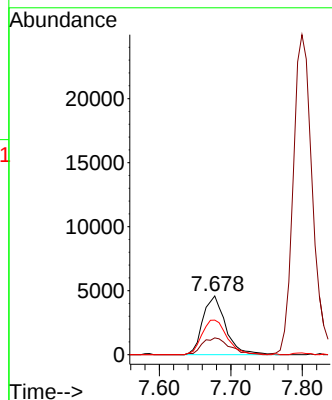
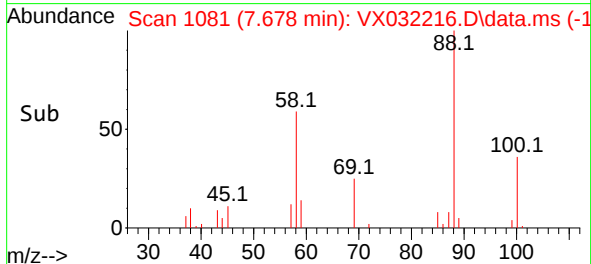
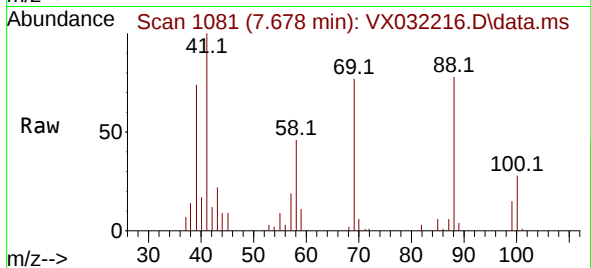
Tgt Ion: 88 Resp: 10130
 Ion Ratio Lower Upper
 88 100
 43 34.4 26.9 40.3
 58 65.0 50.7 76.1

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 50.609 ug/l

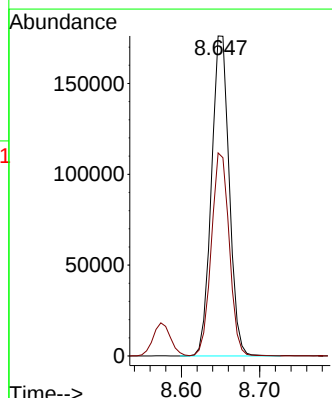
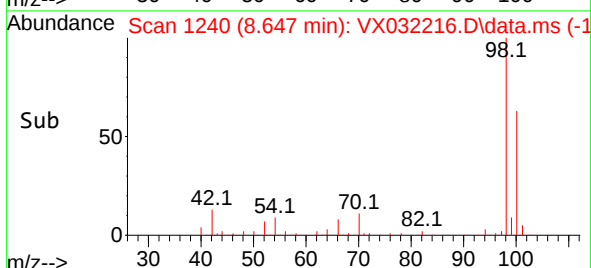
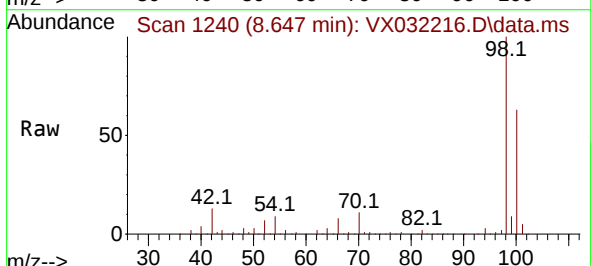
RT: 8.647 min Scan# 1240

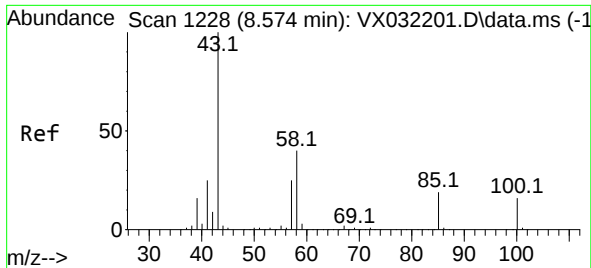
Delta R.T. -0.006 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

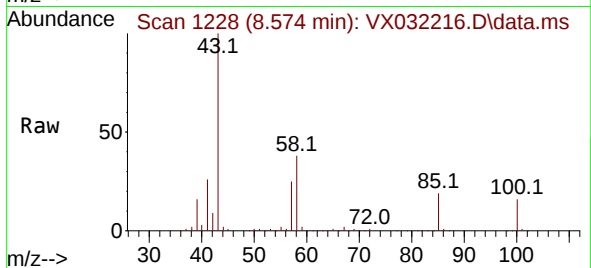
Tgt Ion: 98 Resp: 277515
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 93.660 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

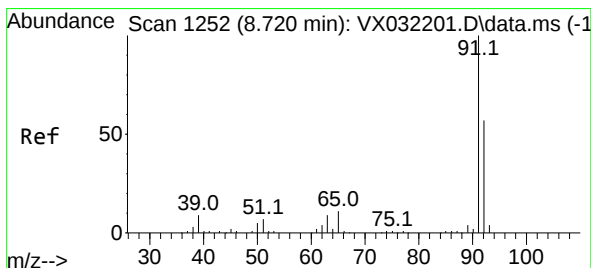
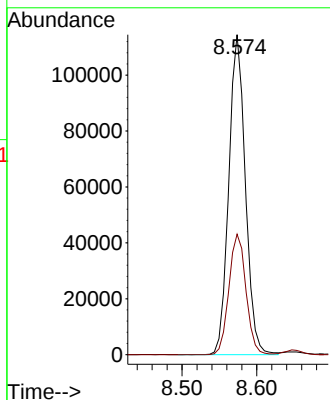
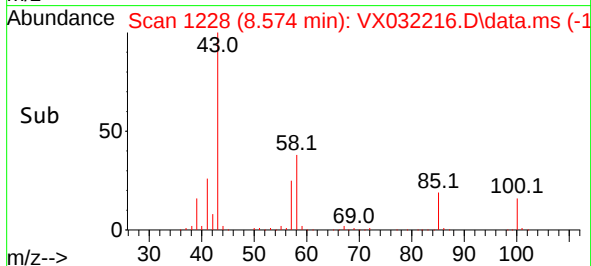
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 43 Resp: 176790
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4

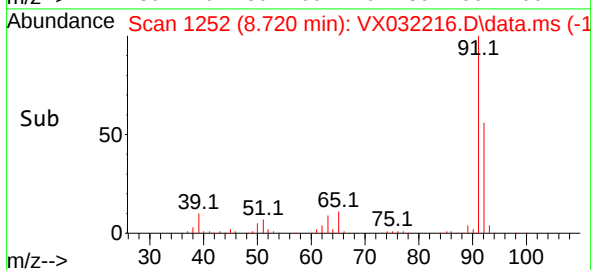
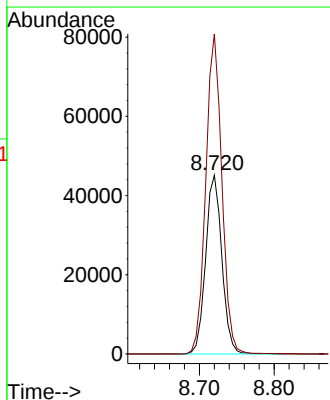
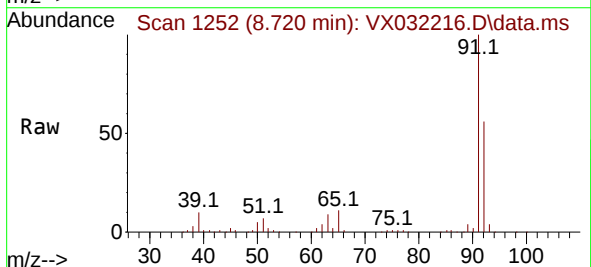
Manual Integrations
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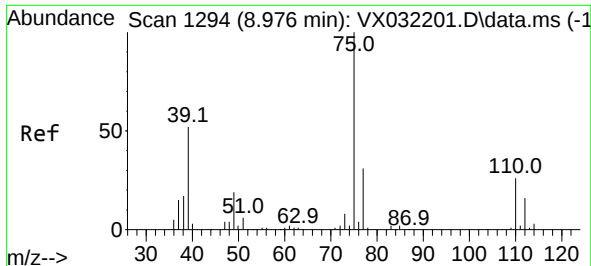
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 18.485 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 92 Resp: 68006
Ion Ratio Lower Upper
92 100
91 177.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 17.533 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 75 Resp: 3627

Ion Ratio Lower Upper

75 100

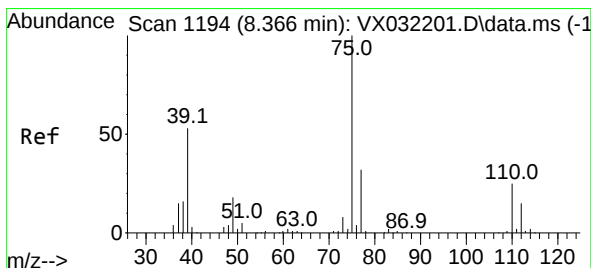
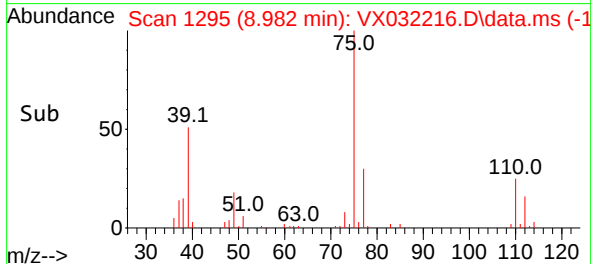
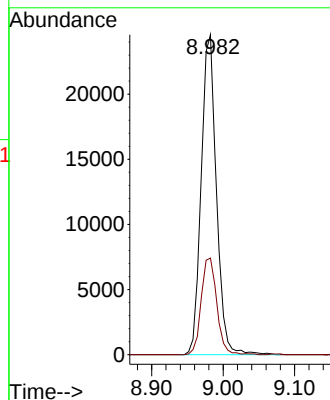
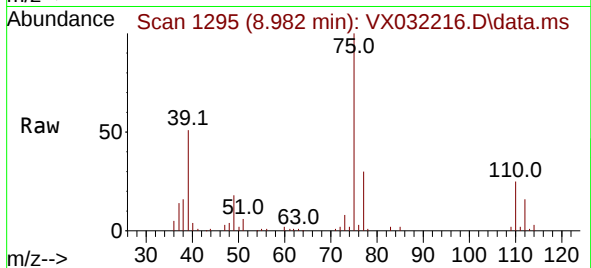
77 30.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 18.411 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

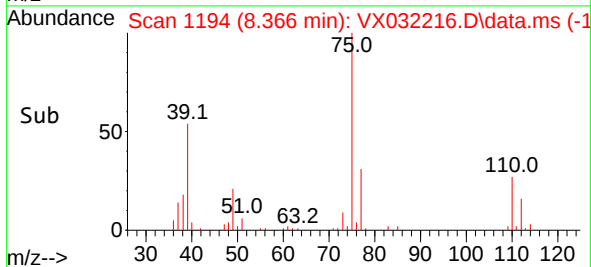
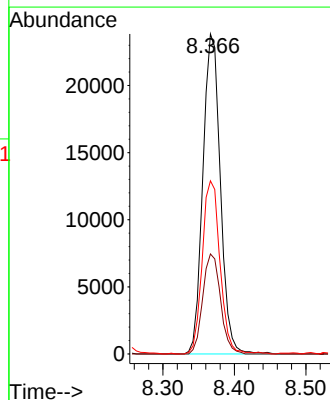
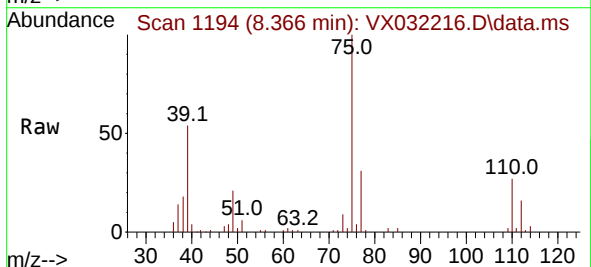
Tgt Ion: 75 Resp: 40495

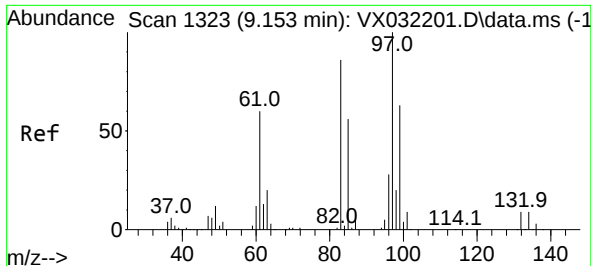
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

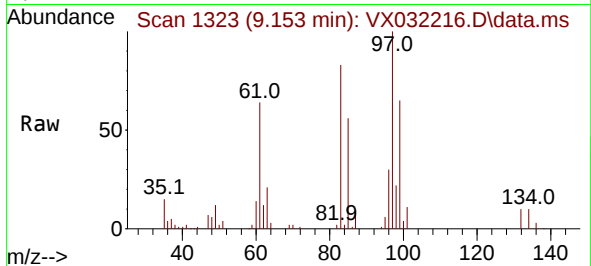
39 54.1 42.4 63.6





#55
1,1,2-Trichloroethane
Concen: 18.860 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

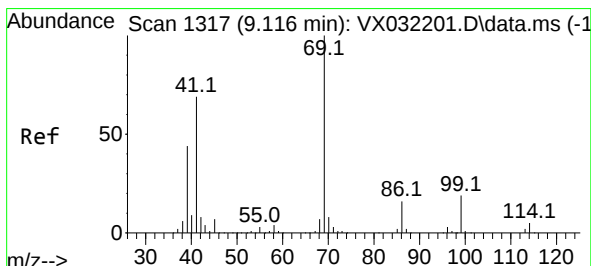
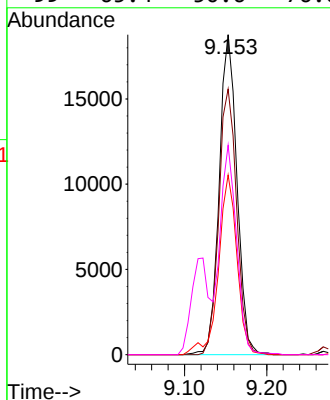
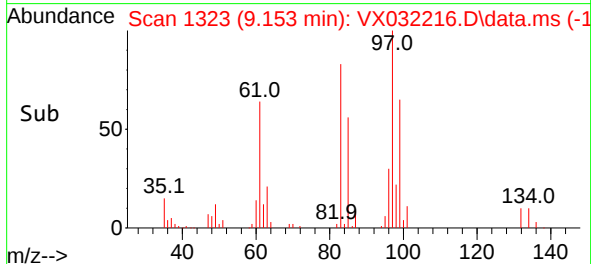
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 97 Resp: 2818
Ion Ratio Lower Upper
97 100
83 83.0 68.8 103.2
85 56.2 44.7 67.1
99 65.4 50.6 76.0

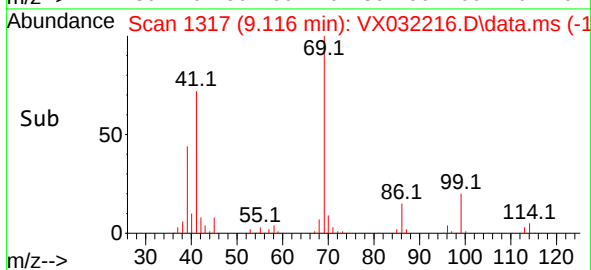
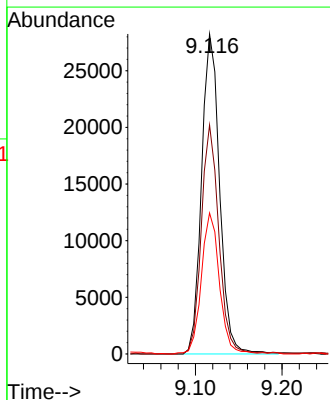
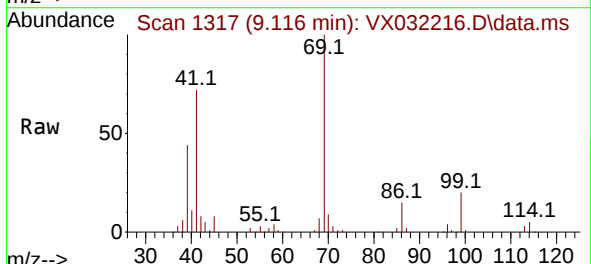
Manual Integrations
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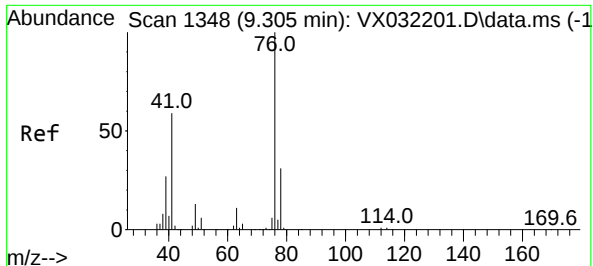
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
Ethyl methacrylate
Concen: 18.968 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 69 Resp: 40829
Ion Ratio Lower Upper
69 100
41 70.1 54.5 81.7
39 44.4 35.7 53.5





#57

1,3-Dichloropropane

Concen: 18.935 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 76 Resp: 45839

Ion Ratio Lower Upper

76 100

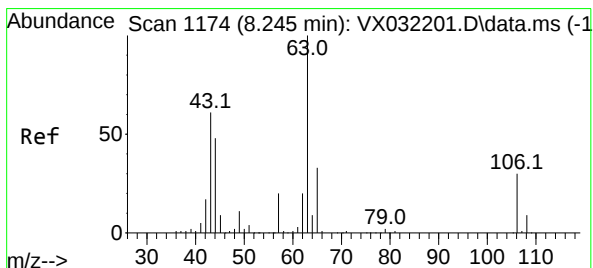
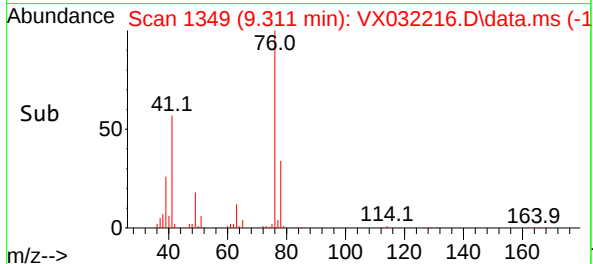
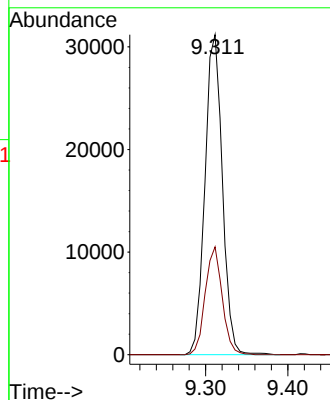
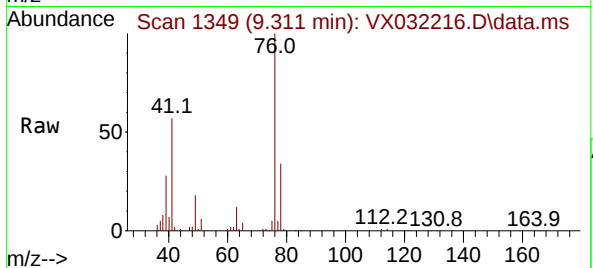
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.675 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032216.D

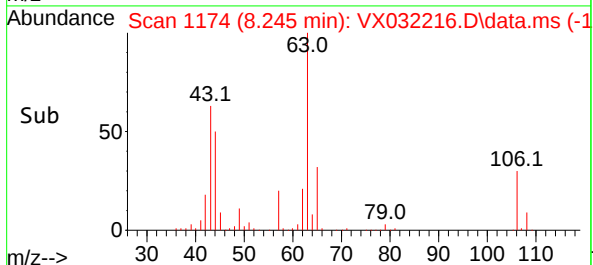
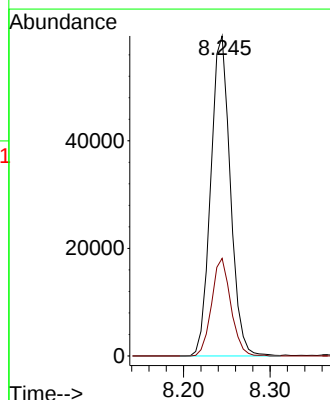
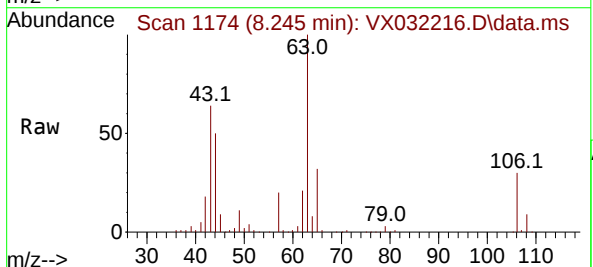
Acq: 19 Oct 2022 18:32

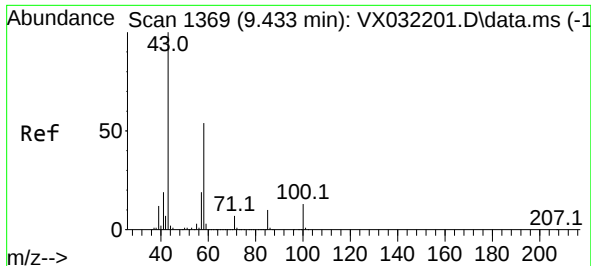
Tgt Ion: 63 Resp: 93408

Ion Ratio Lower Upper

63 100

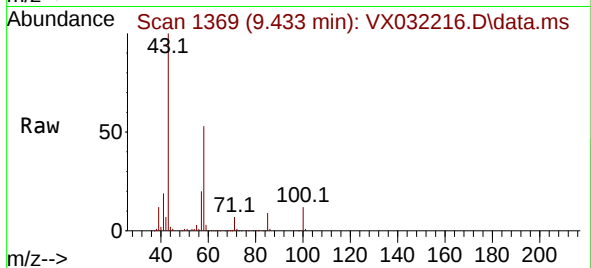
106 29.9 23.6 35.4





#59
2-Hexanone
Concen: 91.747 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

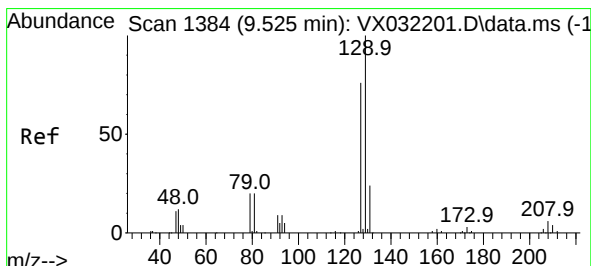
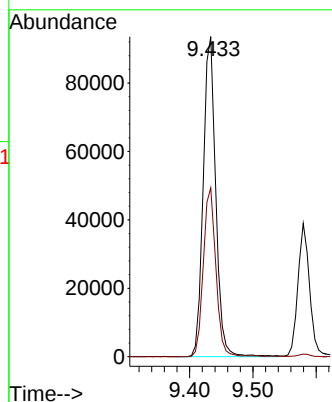
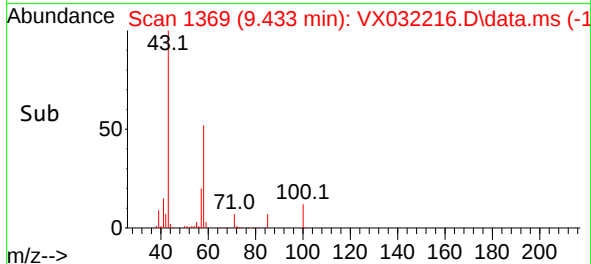
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 43 Resp: 129225
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1

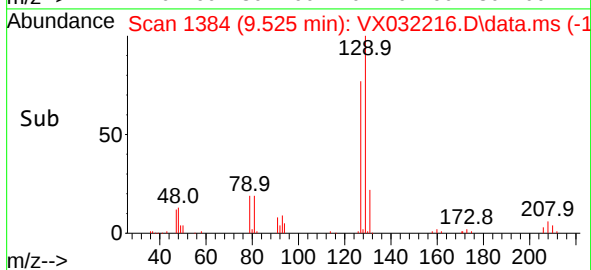
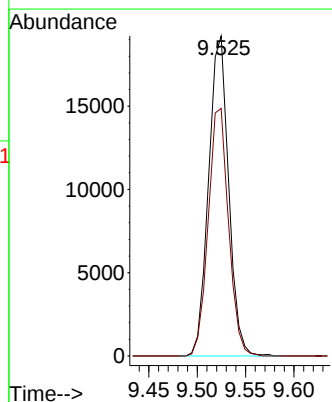
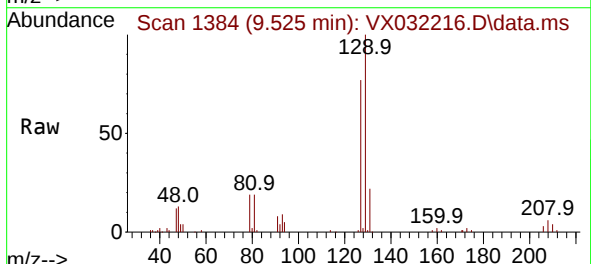
Manual Integrations
APPROVED

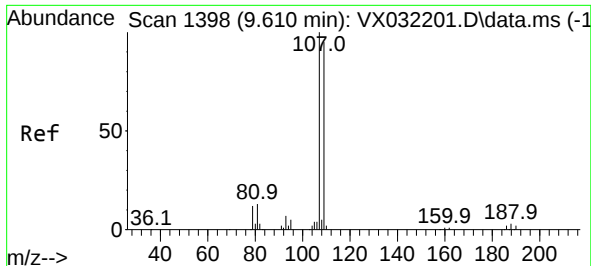
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 18.060 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

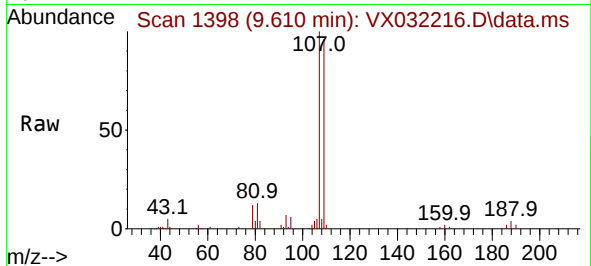
Tgt Ion:129 Resp: 27664
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





#61
1,2-Dibromoethane
Concen: 18.559 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

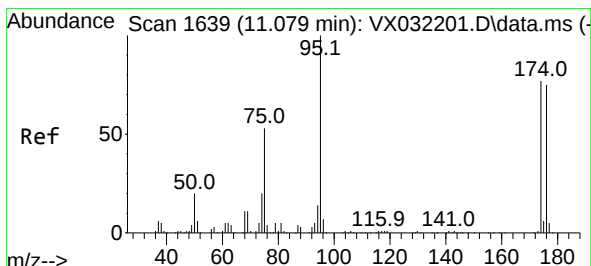
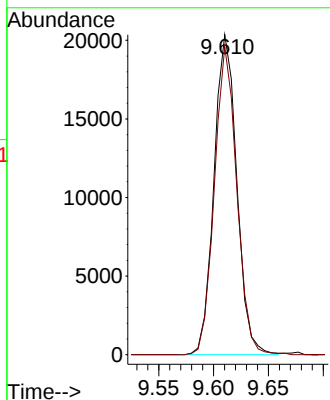
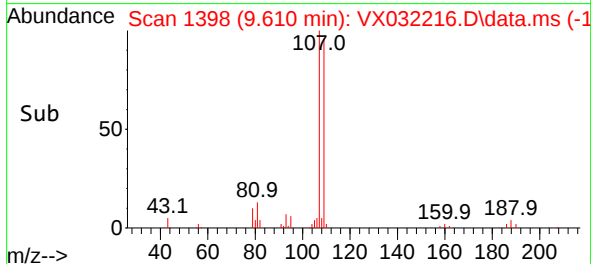
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



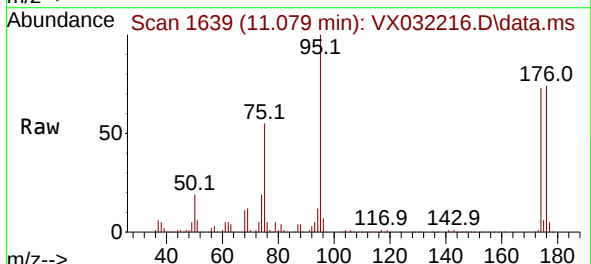
Tgt Ion:107 Resp: 29404
Ion Ratio Lower Upper
107 100
109 94.5 76.5 114.7

Manual Integrations
APPROVED

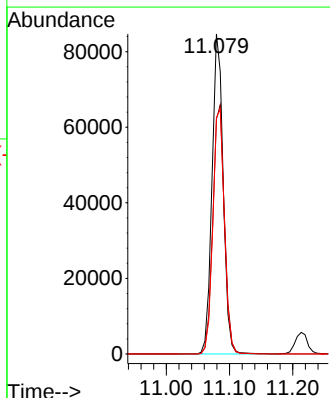
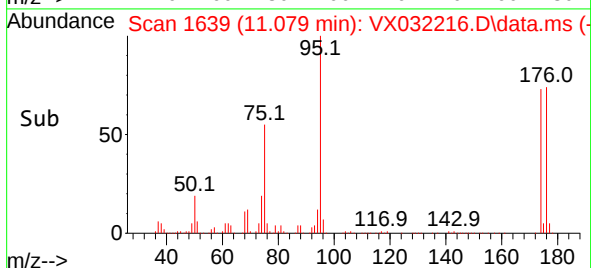
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

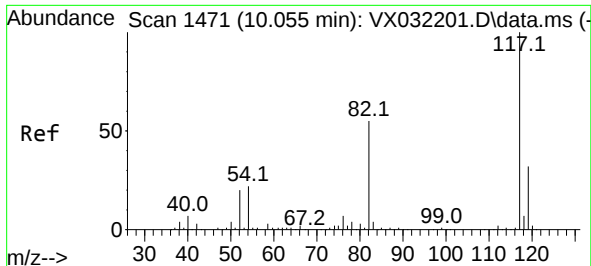


#62
4-Bromofluorobenzene
Concen: 51.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



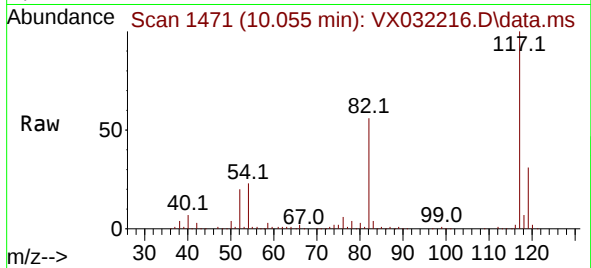
Tgt Ion: 95 Resp: 103829
Ion Ratio Lower Upper
95 100
174 81.2 0.0 166.8
176 79.2 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

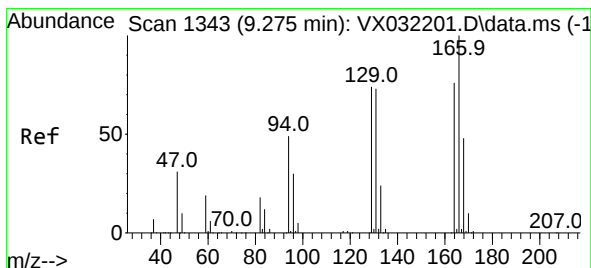
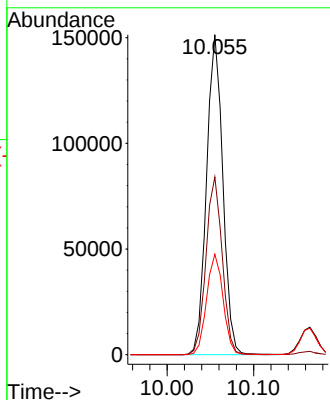
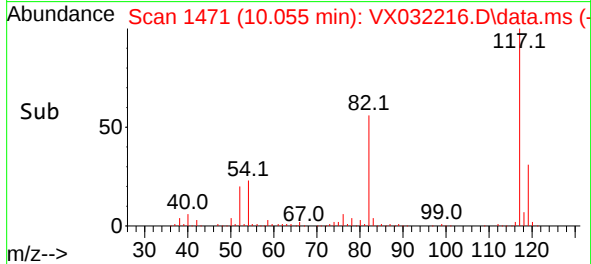
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion:117 Resp: 197380
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 31.4 25.8 38.8

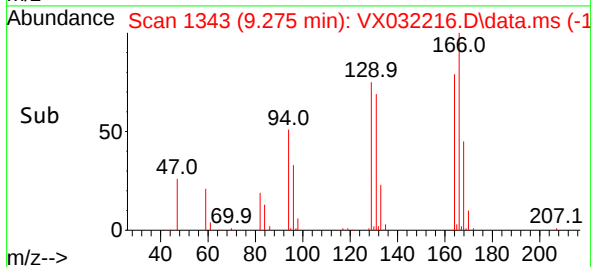
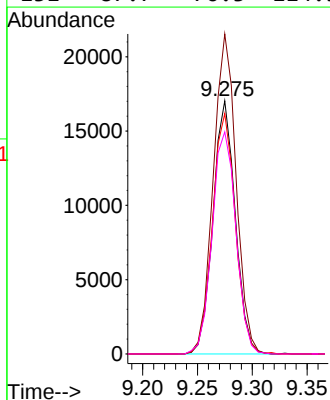
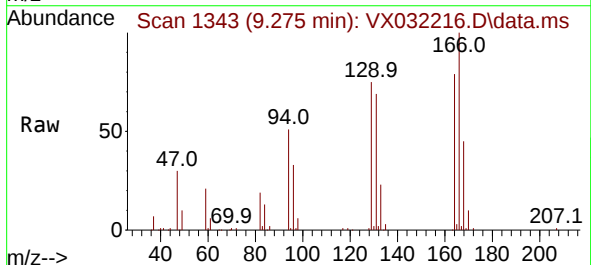
Manual Integrations
APPROVED

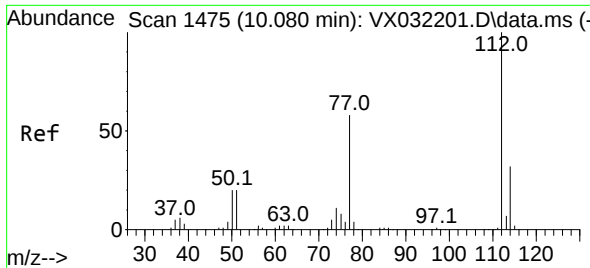
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 18.467 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion:164 Resp: 24070
Ion Ratio Lower Upper
164 100
166 126.4 104.9 157.3
129 94.9 77.8 116.6
131 87.7 76.3 114.5





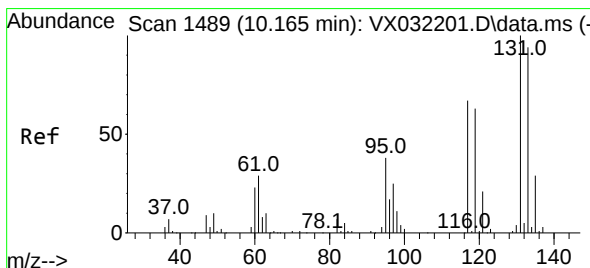
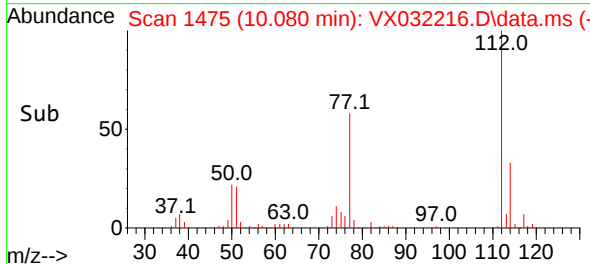
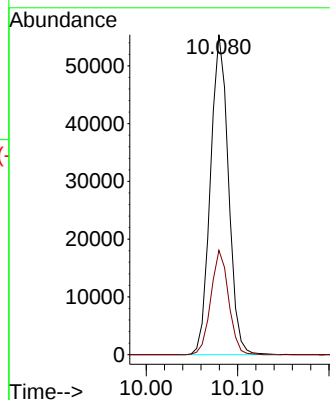
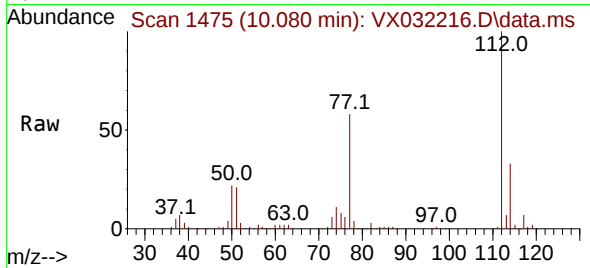
#65
Chlorobenzene
Concen: 18.687 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion:112 Resp: 7562
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

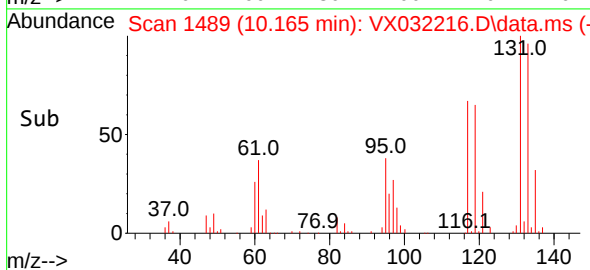
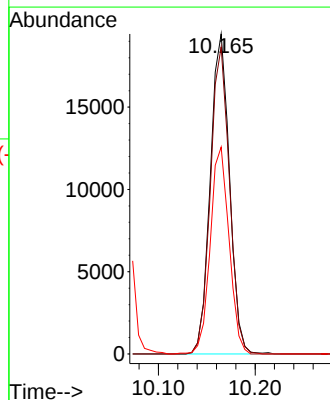
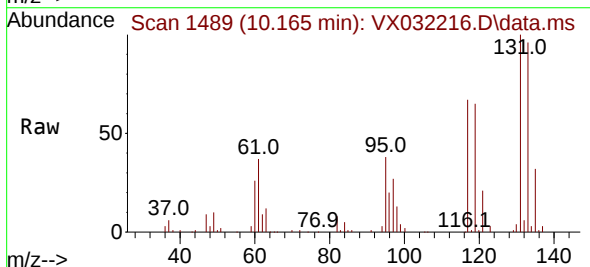
Manual Integrations
APPROVED

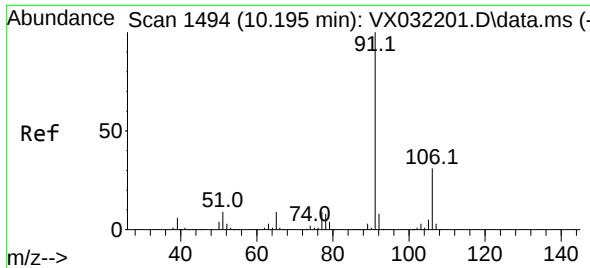
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.491 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

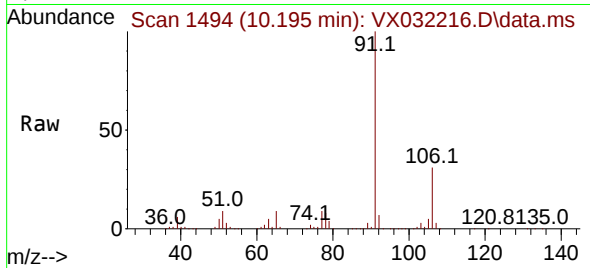
Tgt Ion:131 Resp: 26775
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 63.5 31.7 95.1





#67
Ethyl Benzene
Concen: 19.080 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

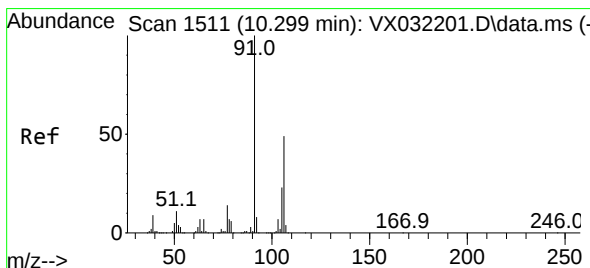
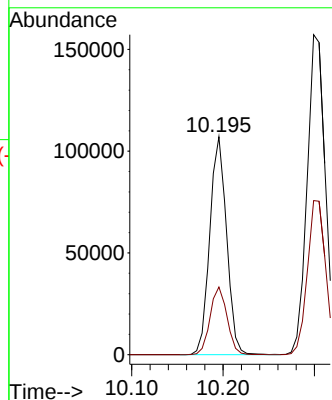
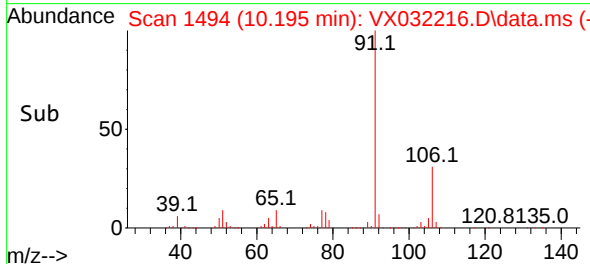
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



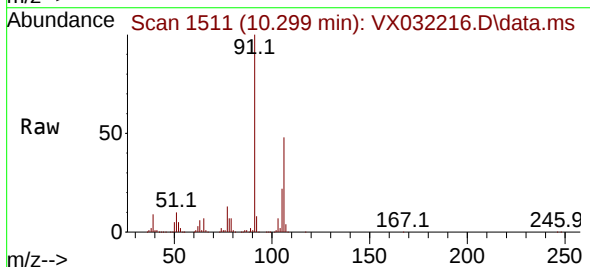
Tgt Ion: 91 Resp: 136702
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

Manual Integrations
APPROVED

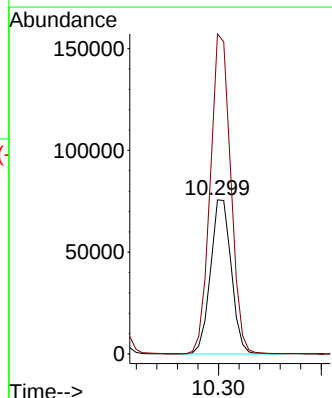
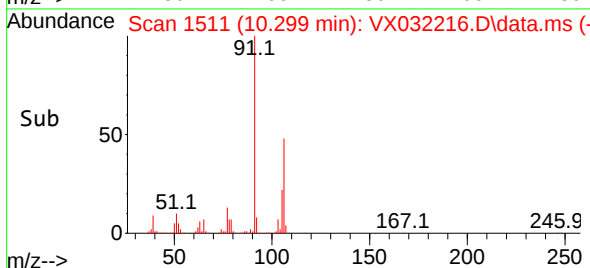
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

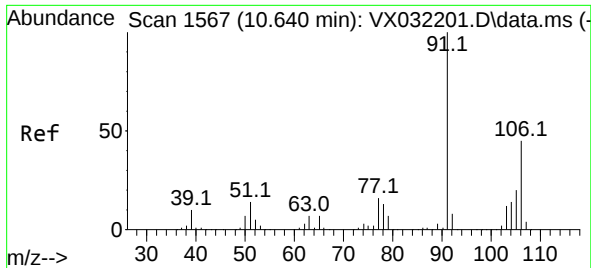


#68
m/p-Xylenes
Concen: 37.469 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



Tgt Ion:106 Resp: 106018
Ion Ratio Lower Upper
106 100
91 205.6 162.6 244.0





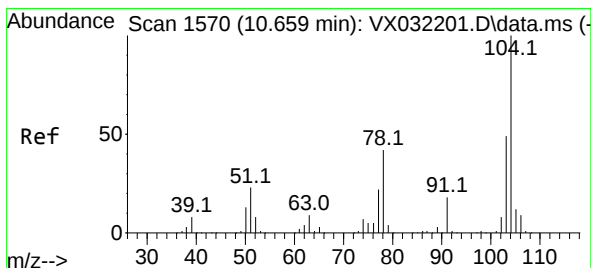
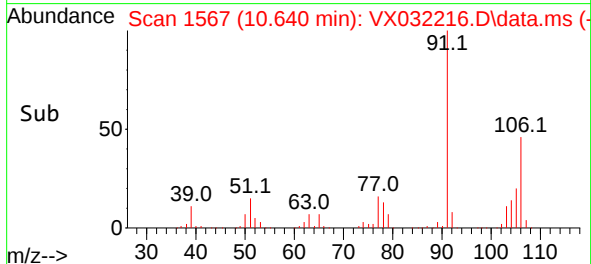
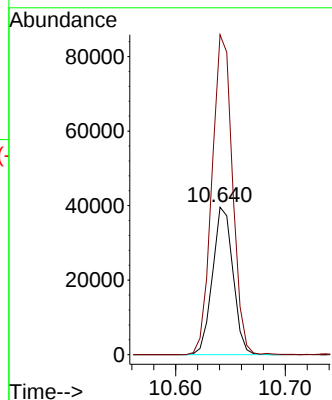
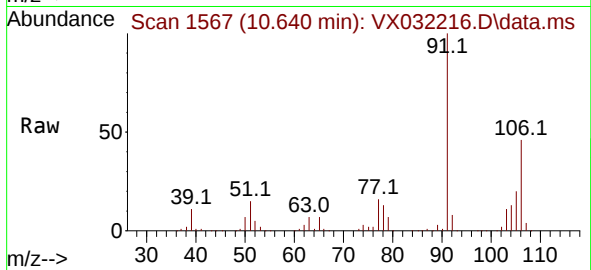
#69
o-Xylene
Concen: 18.926 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion:106 Resp: 51300
Ion Ratio Lower Upper
106 100
91 218.6 108.3 324.9

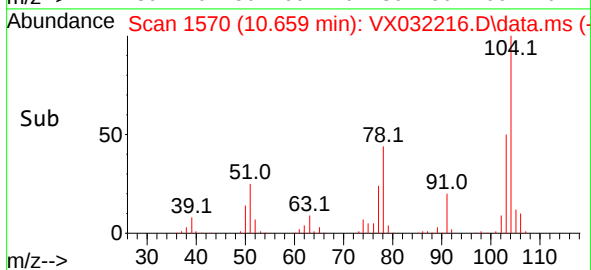
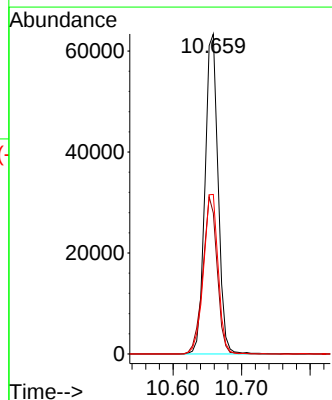
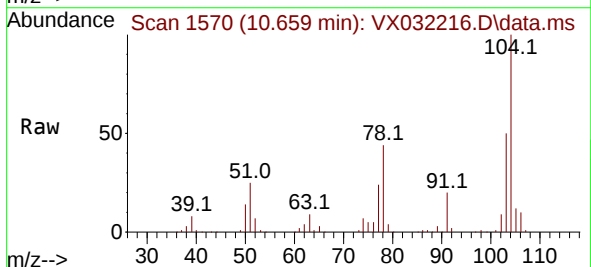
Manual Integrations
APPROVED

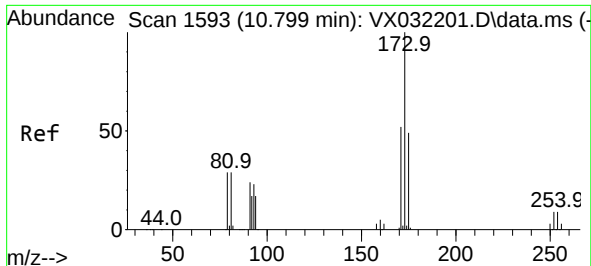
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 18.502 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

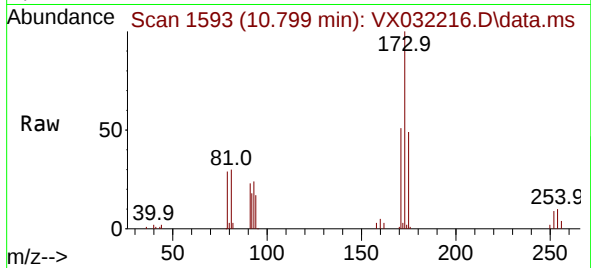
Tgt Ion:104 Resp: 84572
Ion Ratio Lower Upper
104 100
78 53.3 40.8 61.2
103 55.6 44.2 66.2





#71
Bromoform
Concen: 16.396 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

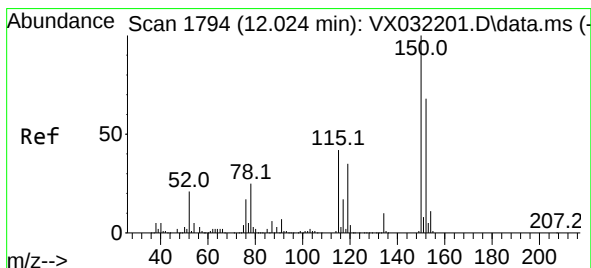
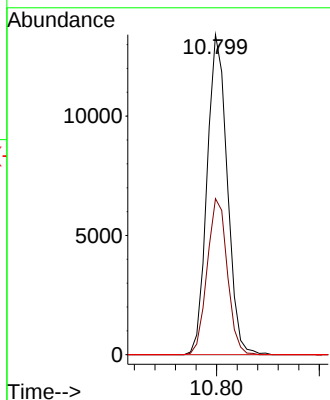
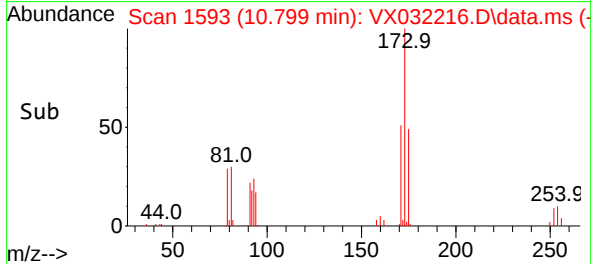
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



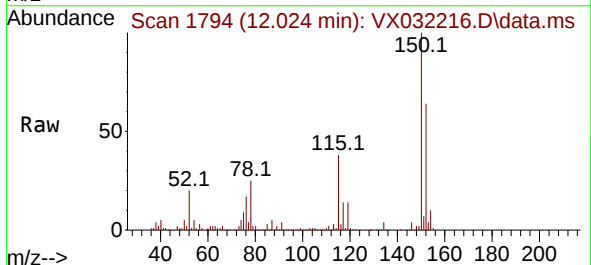
Tgt Ion:173 Resp: 18290
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

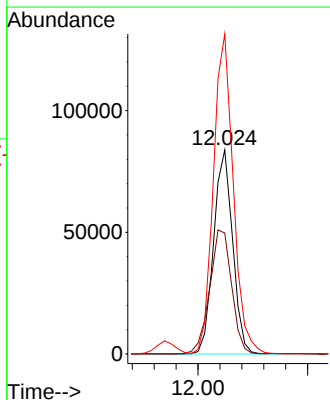
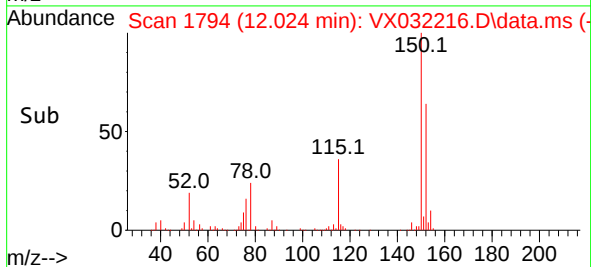
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

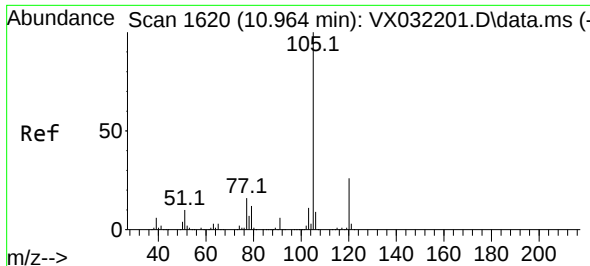


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



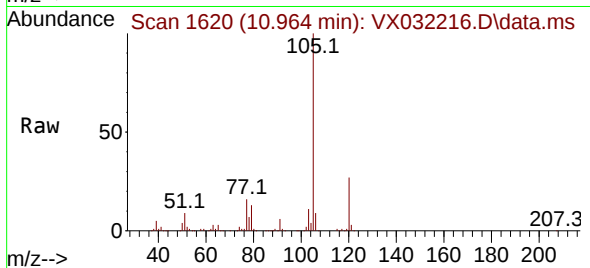
Tgt Ion:152 Resp: 100978
Ion Ratio Lower Upper
152 100
115 70.2 43.1 129.4
150 163.9 0.0 348.6





#73
Isopropylbenzene
Concen: 18.878 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

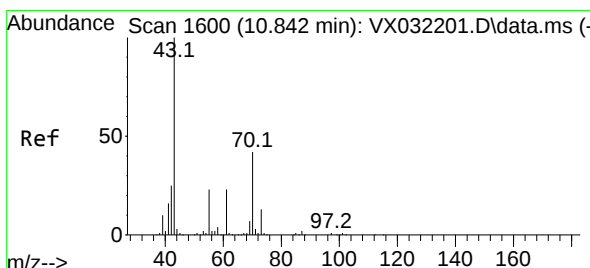
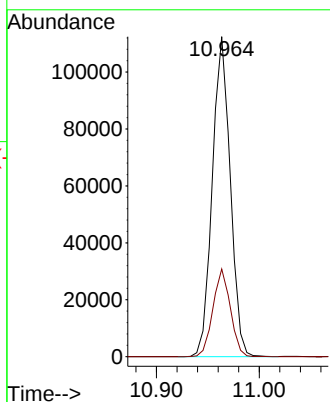
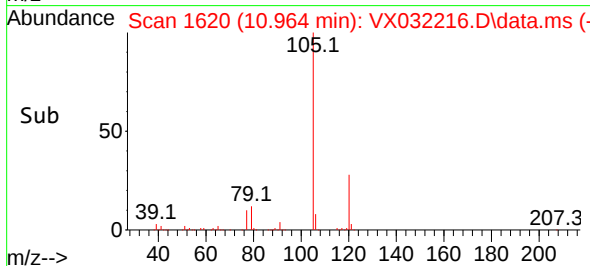
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



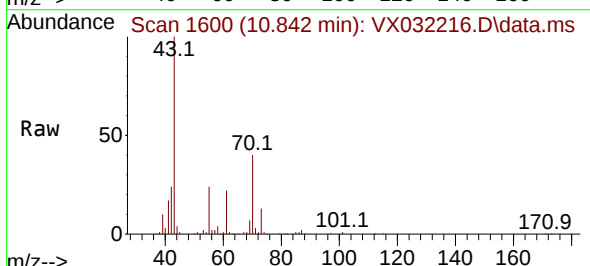
Tgt Ion:105 Resp: 136020
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

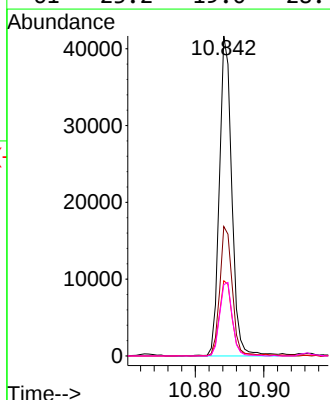
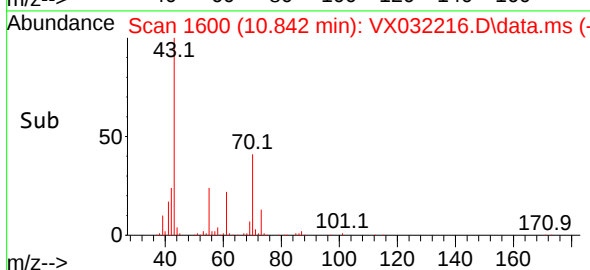
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

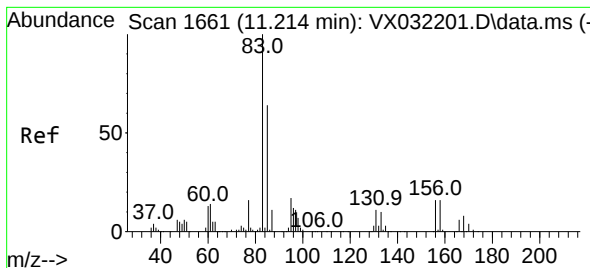


#74
N-ethyl acetate
Concen: 19.659 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



Tgt Ion: 43 Resp: 52331
Ion Ratio Lower Upper
43 100
70 40.3 33.9 50.9
55 24.1 19.1 28.7
61 23.2 19.0 28.4





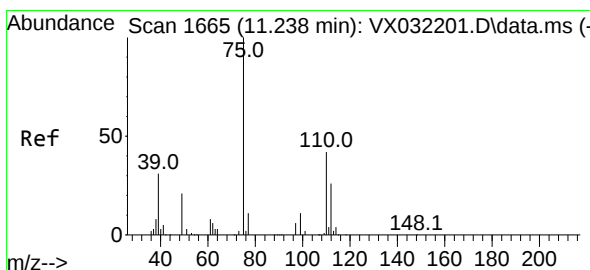
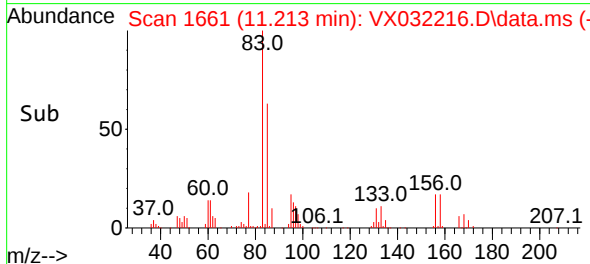
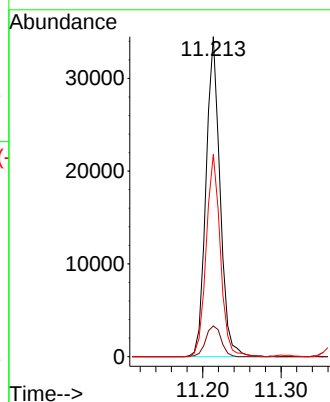
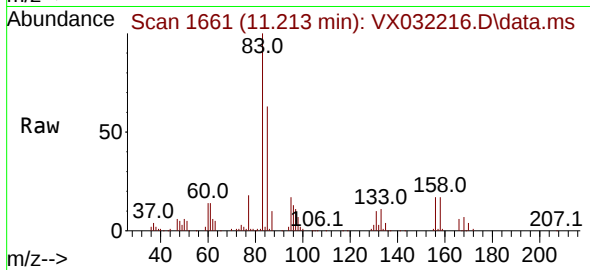
#75
1,1,2,2-Tetrachloroethane
Concen: 18.492 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion: 83 Resp: 42835
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 63.7 32.3 96.9

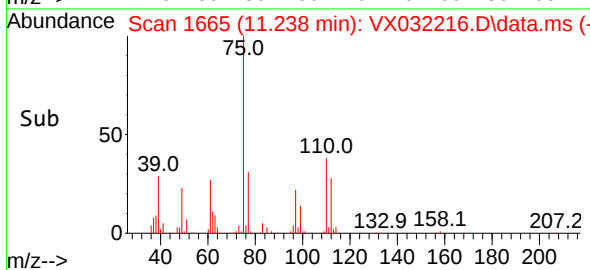
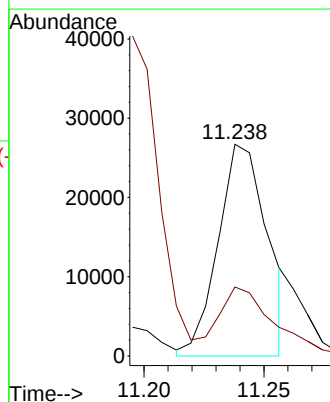
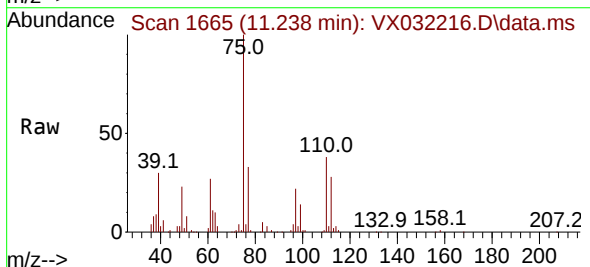
Manual Integrations
APPROVED

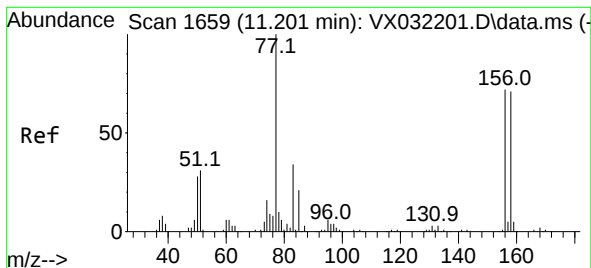
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
1,2,3-Trichloropropane
Concen: 18.994 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion: 75 Resp: 38003
Ion Ratio Lower Upper
75 100
77 37.4 16.0 47.9





#77

Bromobenzene

Concen: 19.199 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

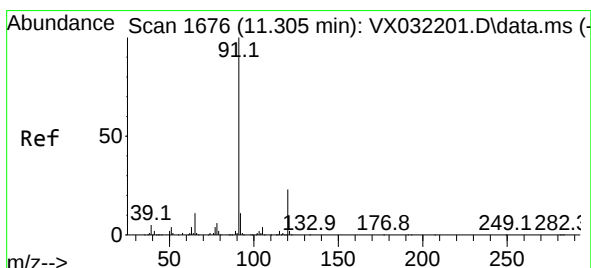
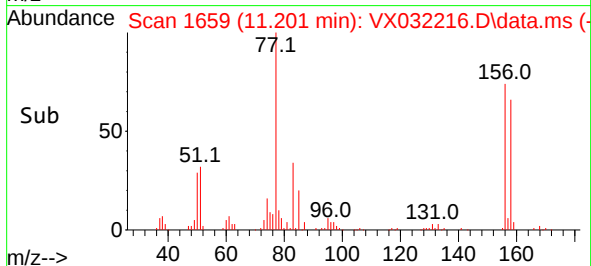
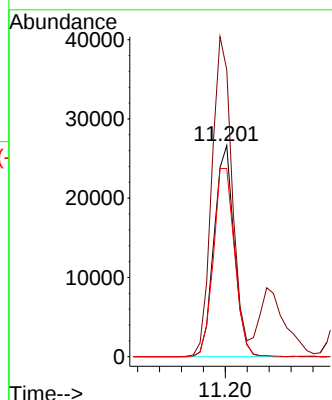
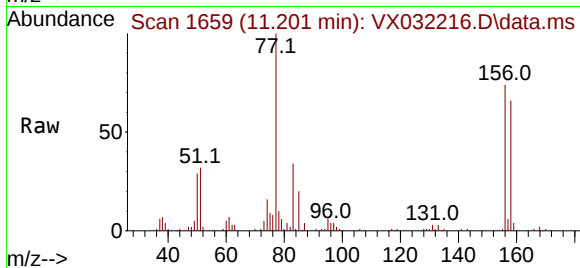
Tgt Ion:	156	Resp:	3390
Ion Ratio	Lower	Upper	
156	100		
77	152.5	75.5	226.5
158	94.4	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 19.357 ug/l

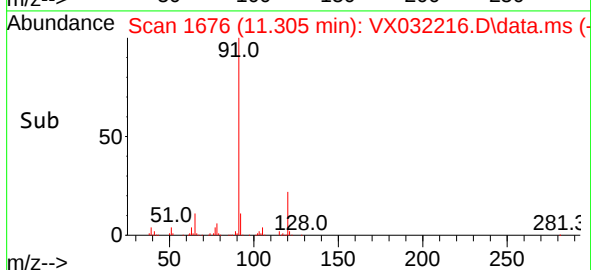
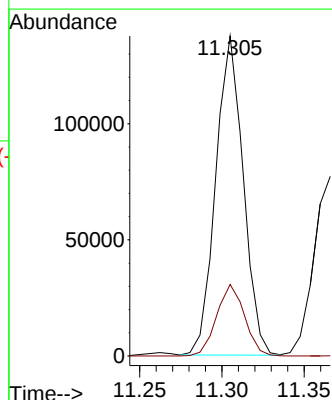
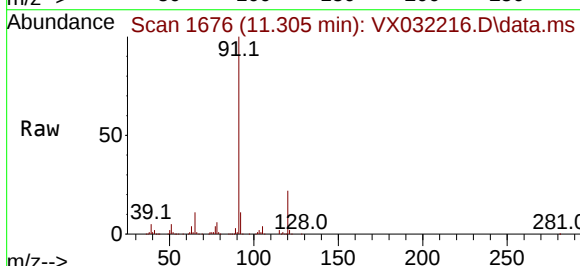
RT: 11.305 min Scan# 1676

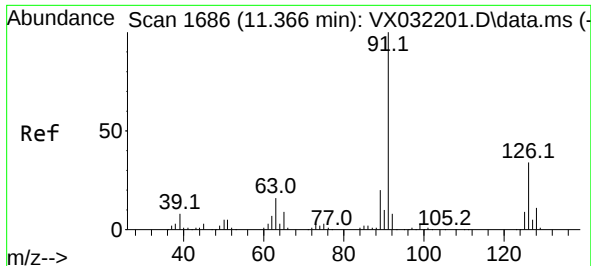
Delta R.T. -0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Tgt Ion:	91	Resp:	159703
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.6	34.8





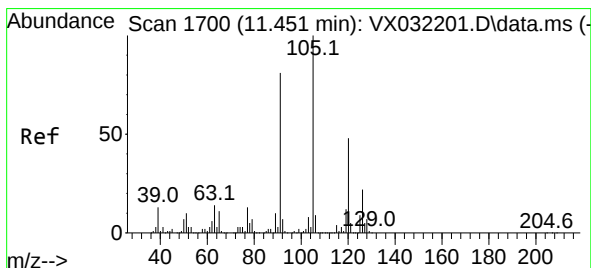
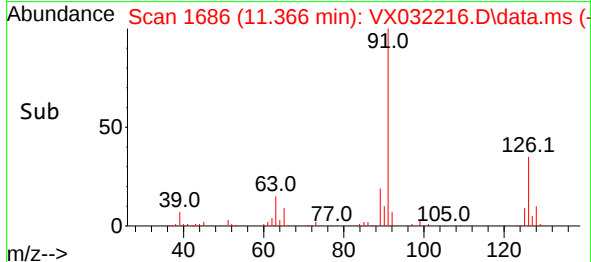
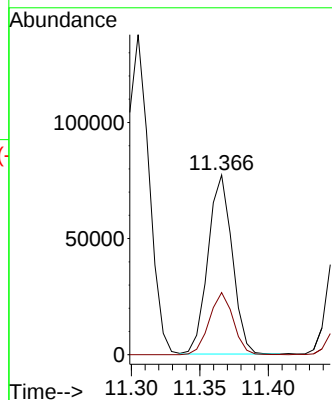
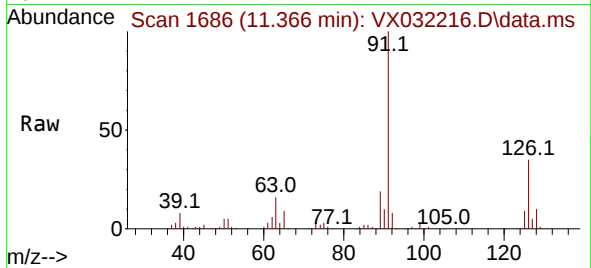
#79
2-Chlorotoluene
Concen: 19.078 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tgt Ion: 91 Resp: 9486
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

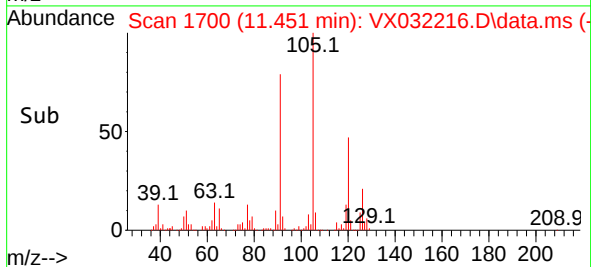
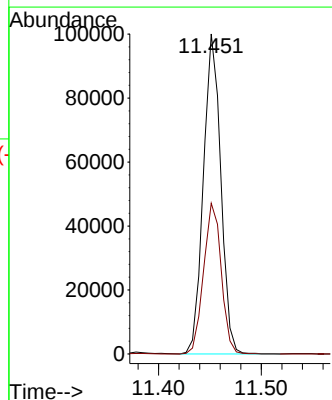
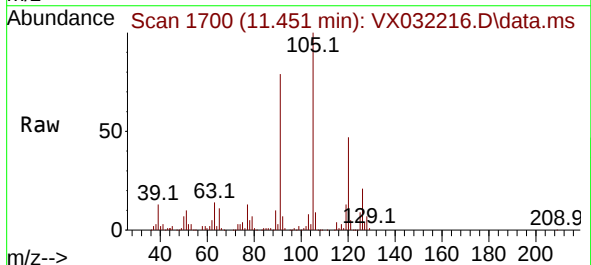
Manual Integrations
APPROVED

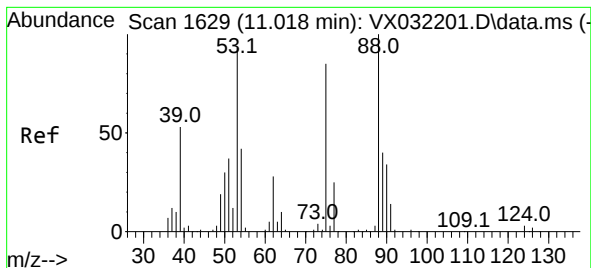
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.962 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

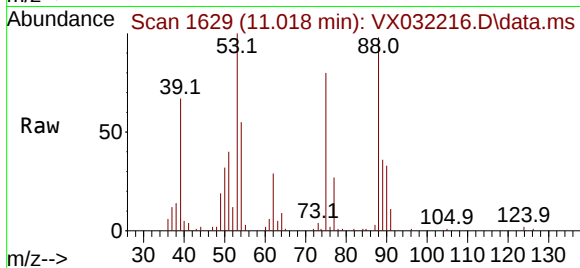
Tgt Ion:105 Resp: 118010
Ion Ratio Lower Upper
105 100
120 47.7 23.5 70.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.837 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

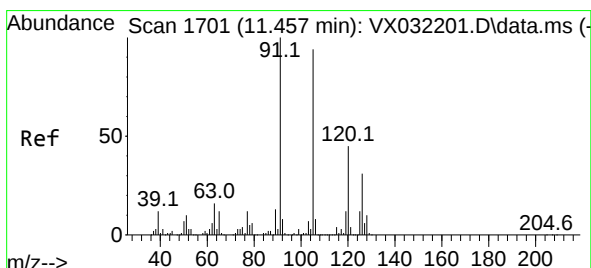
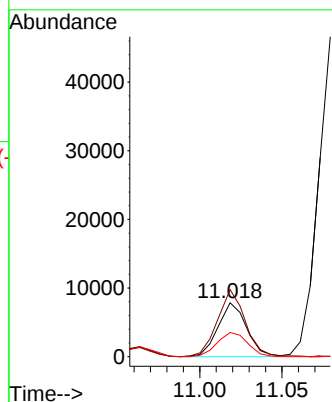
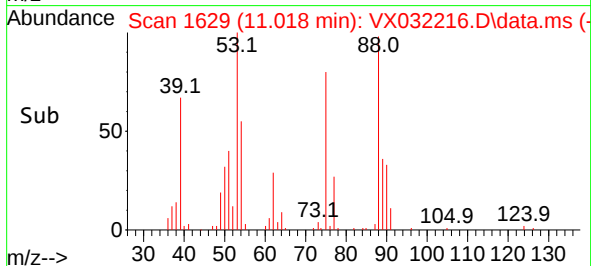
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion: 75 Resp: 9479
Ion Ratio Lower Upper
75 100
53 121.5 87.8 131.8
89 48.0 37.8 56.8

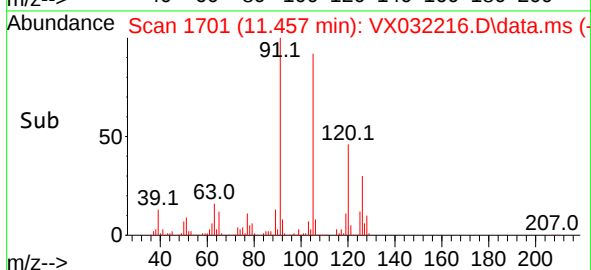
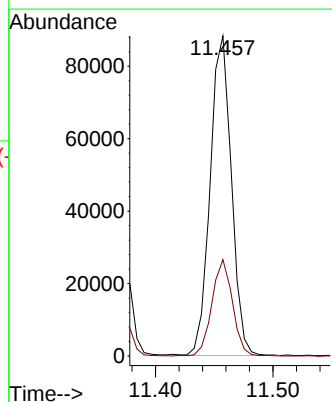
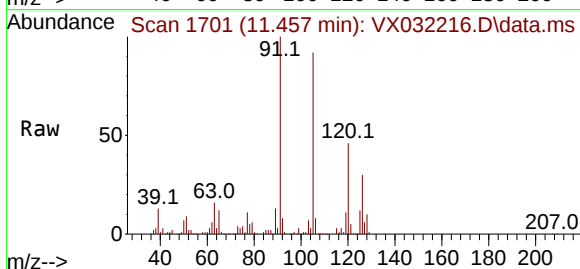
Manual Integrations
APPROVED

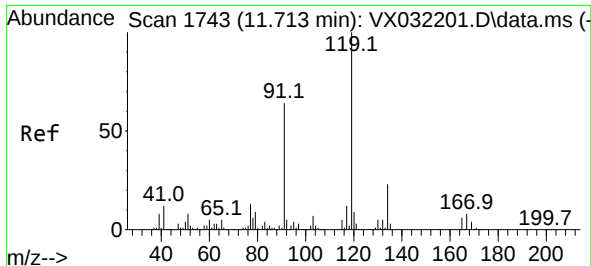
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 19.135 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

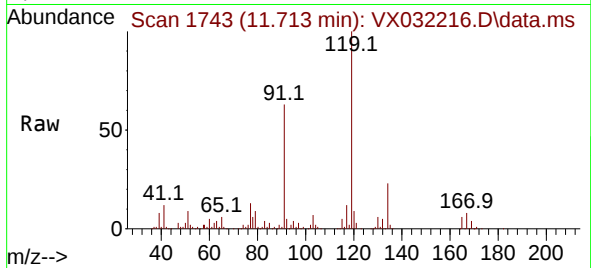
Tgt Ion: 91 Resp: 110775
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.5





#83
tert-Butylbenzene
Concen: 19.192 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

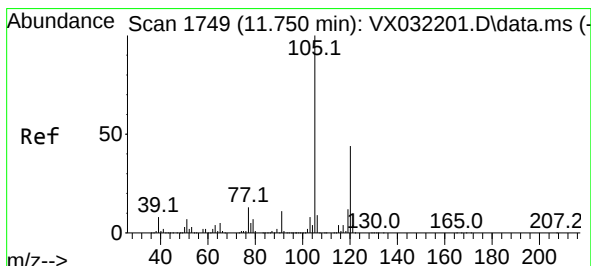
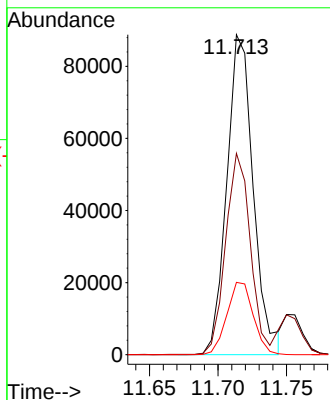
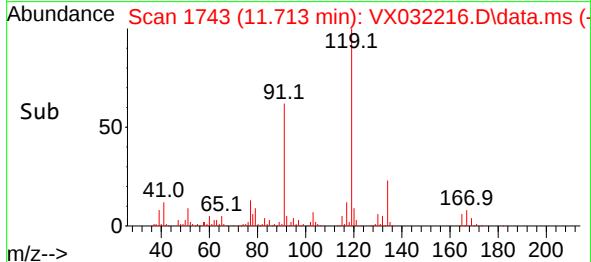
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



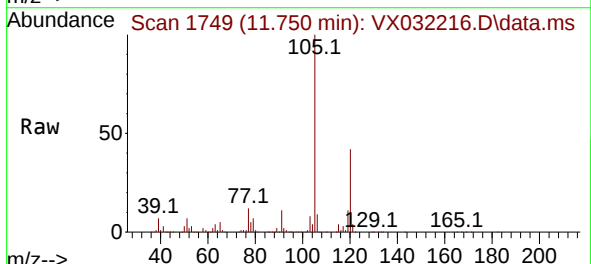
Tgt Ion:119 Resp: 119508
Ion Ratio Lower Upper
119 100
91 58.9 29.1 87.3
134 22.6 11.3 33.8

Manual Integrations
APPROVED

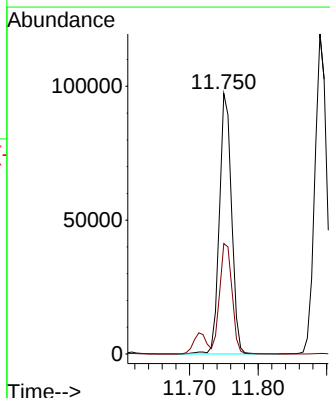
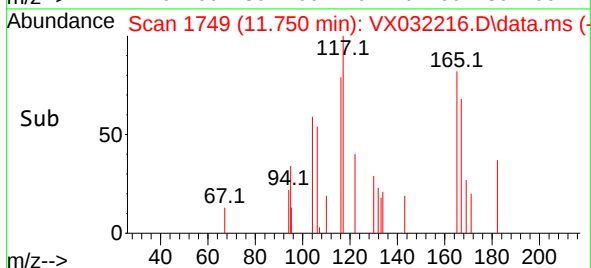
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

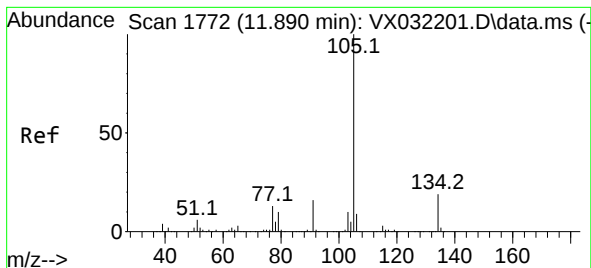


#84
1,2,4-Trimethylbenzene
Concen: 19.780 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



Tgt Ion:105 Resp: 119687
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.254 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion:105 Resp: 144890

Ion Ratio Lower Upper

105 100

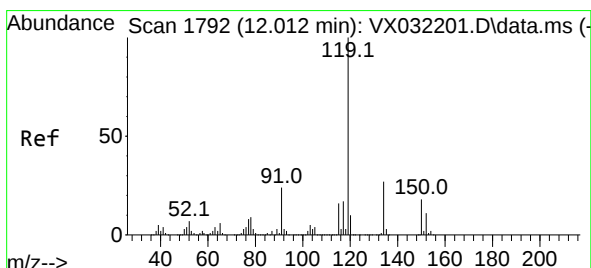
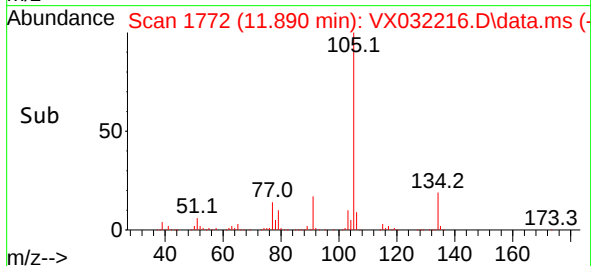
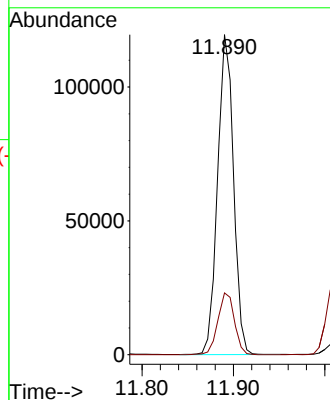
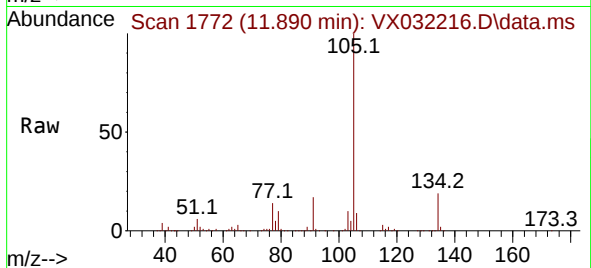
134 20.1 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#86

p-Isopropyltoluene

Concen: 19.253 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

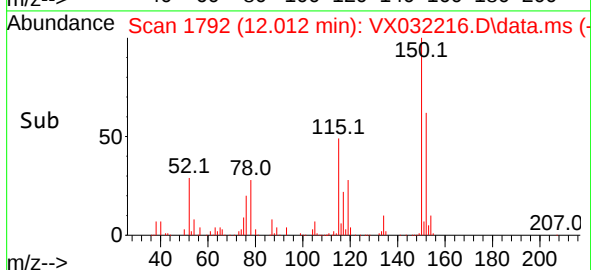
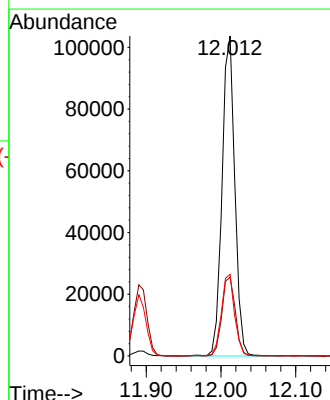
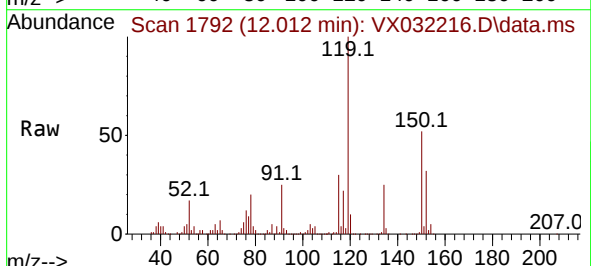
Tgt Ion:119 Resp: 123280

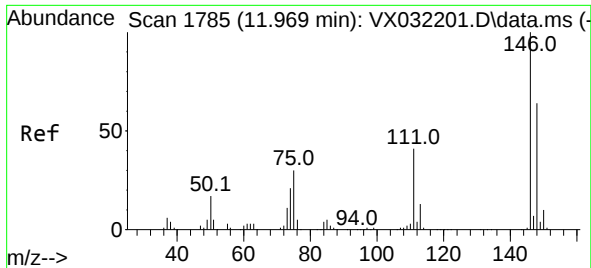
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 26.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.450 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion:146 Resp: 62718

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

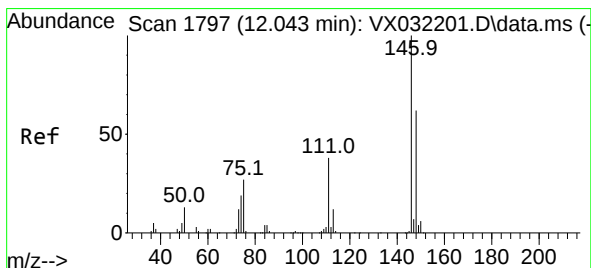
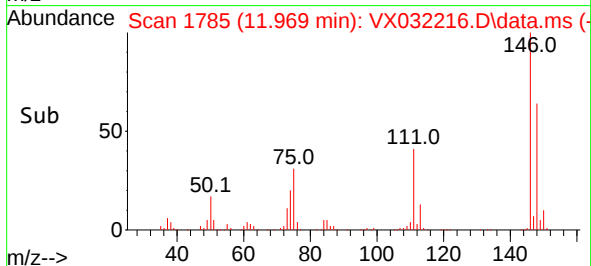
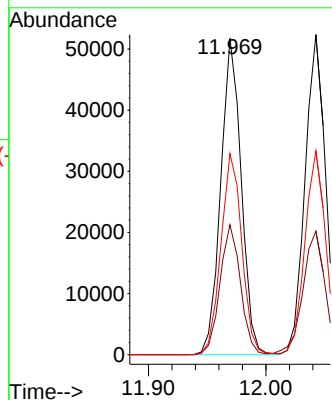
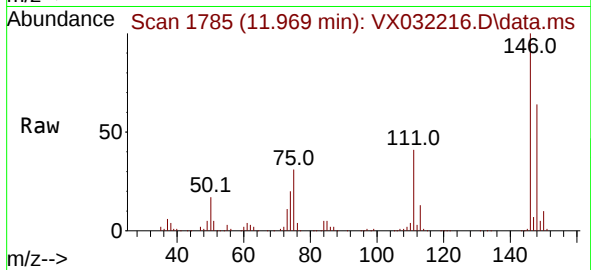
148 64.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 18.337 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

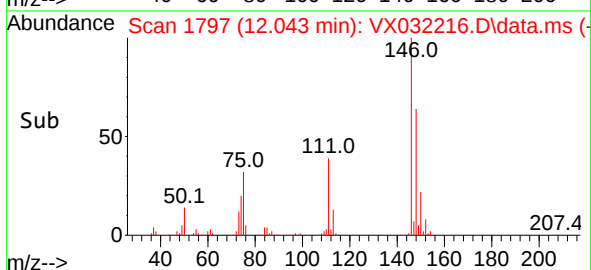
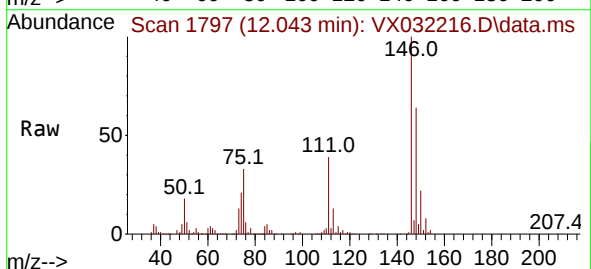
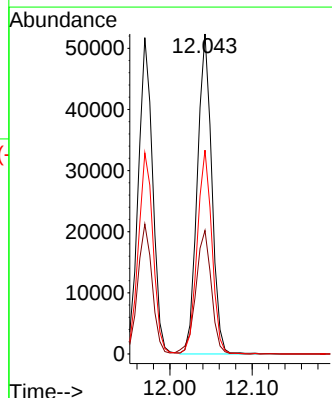
Tgt Ion:146 Resp: 64029

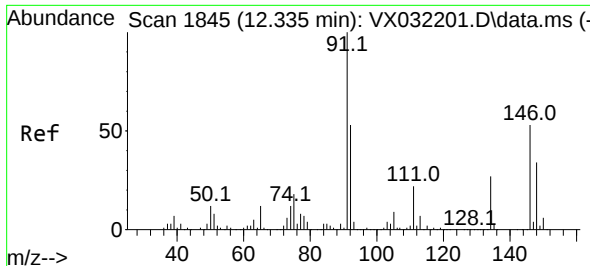
Ion Ratio Lower Upper

146 100

111 41.5 19.8 59.4

148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 19.164 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion: 91 Resp: 10808

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

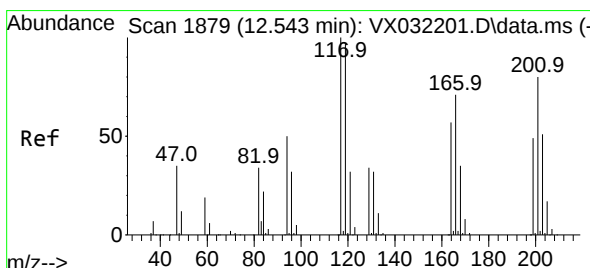
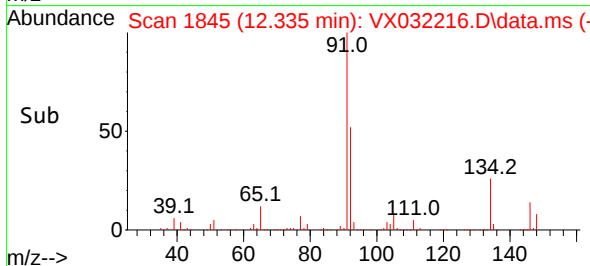
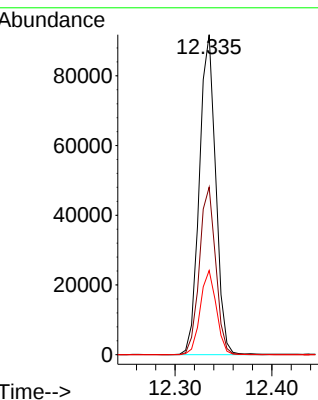
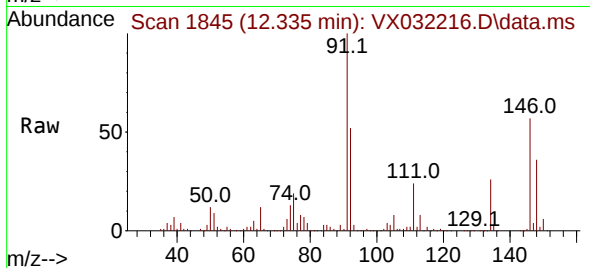
134 25.7 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#90

Hexachloroethane

Concen: 17.553 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX032216.D

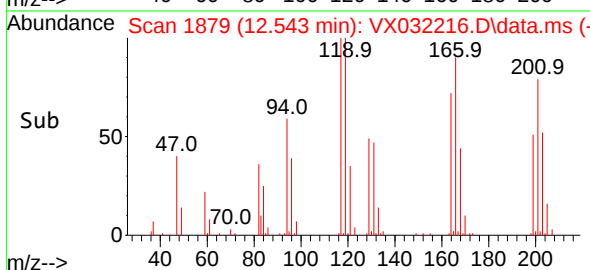
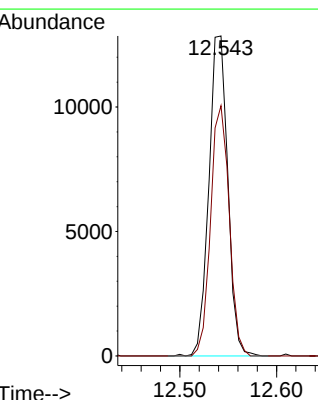
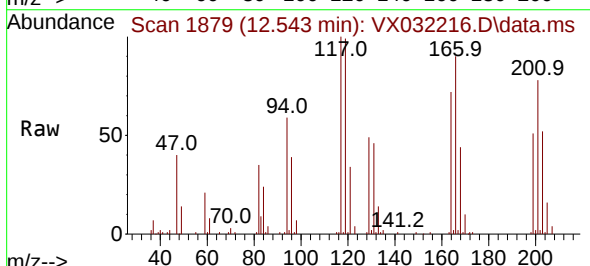
Acq: 19 Oct 2022 18:32

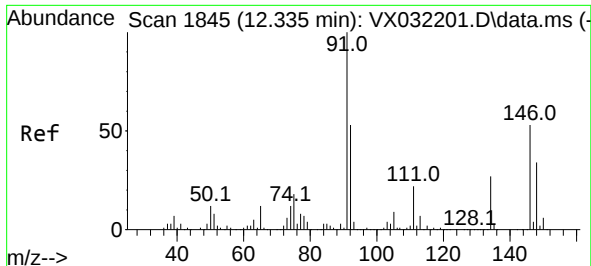
Tgt Ion:117 Resp: 17440

Ion Ratio Lower Upper

117 100

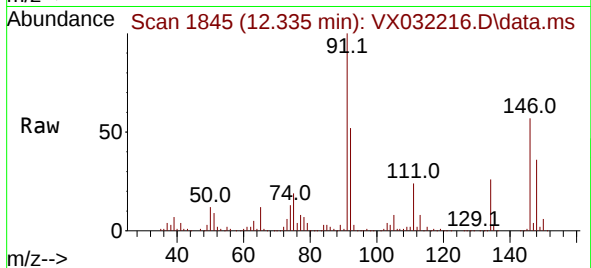
201 76.6 38.5 115.3





#91
1,2-Dichlorobenzene
Concen: 19.041 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

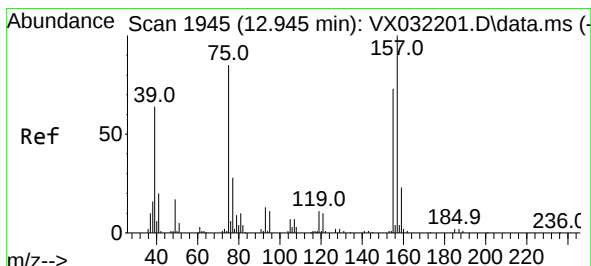
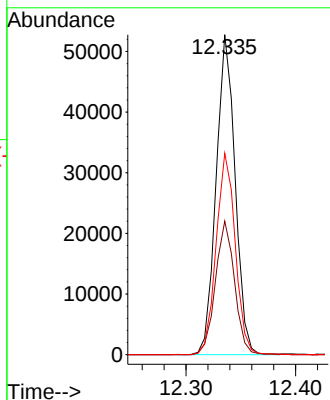
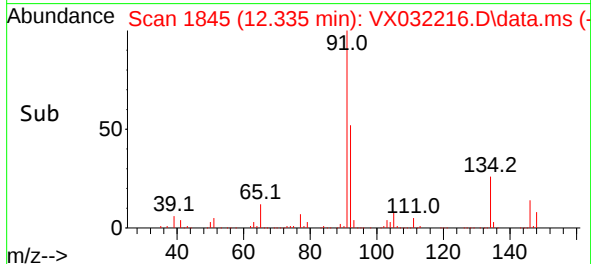
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



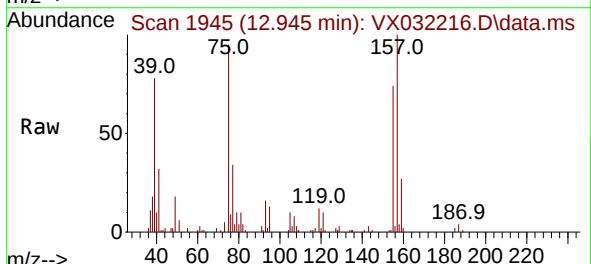
Tgt Ion:146 Resp: 6354
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.1
148 63.6 32.3 96.8

Manual Integrations
APPROVED

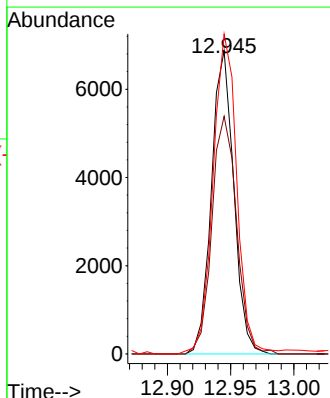
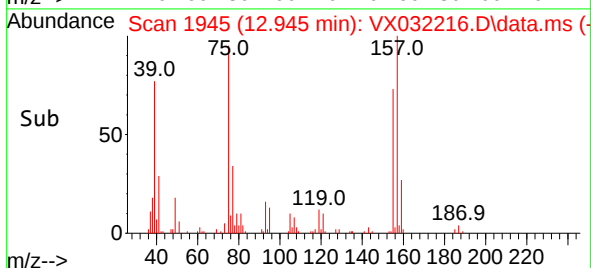
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

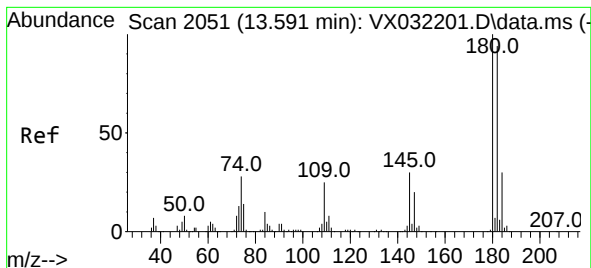


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.513 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32



Tgt Ion: 75 Resp: 8410
Ion Ratio Lower Upper
75 100
155 86.7 43.1 129.3
157 112.2 57.1 171.5





#93

1,2,4-Trichlorobenzene

Concen: 18.906 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tgt Ion:180 Resp: 41072

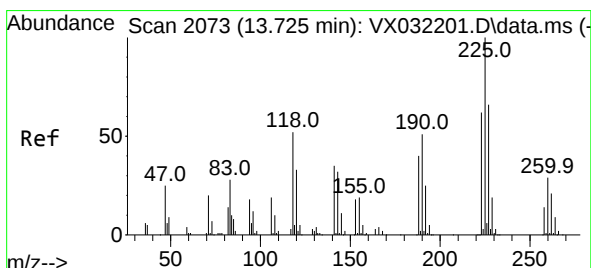
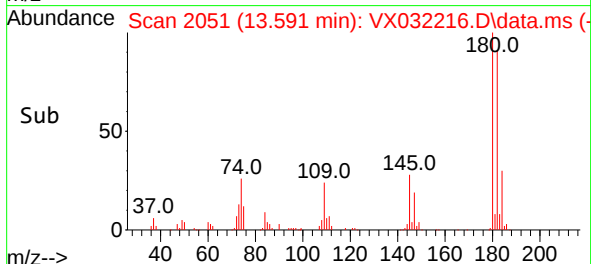
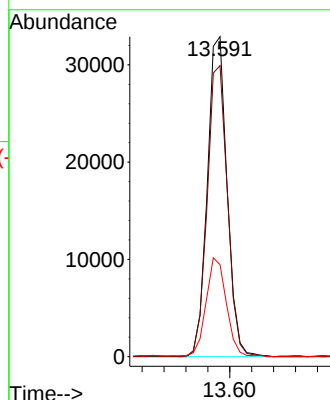
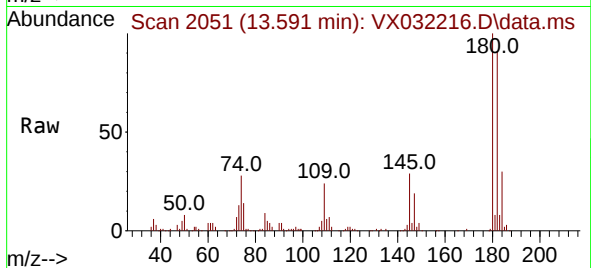
Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.8	140.3
145	32.1	15.6	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 18.052 ug/l

RT: 13.725 min Scan# 2073

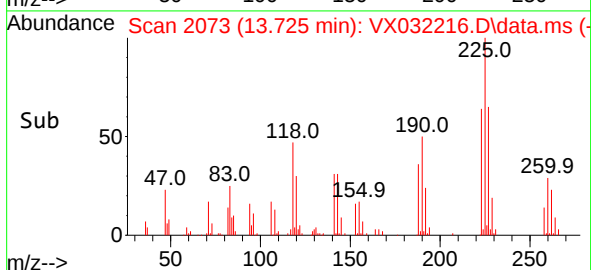
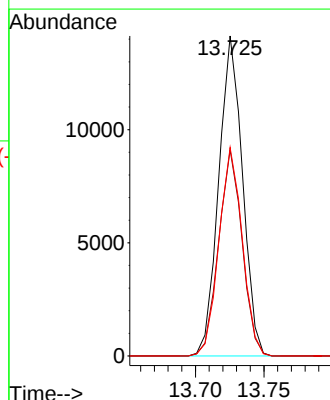
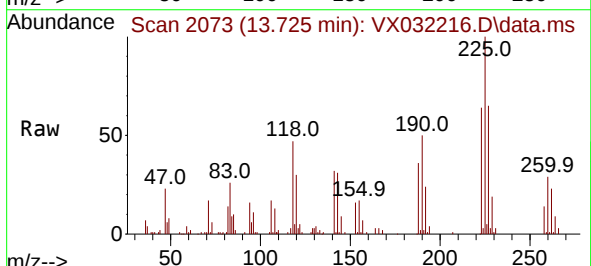
Delta R.T. 0.000 min

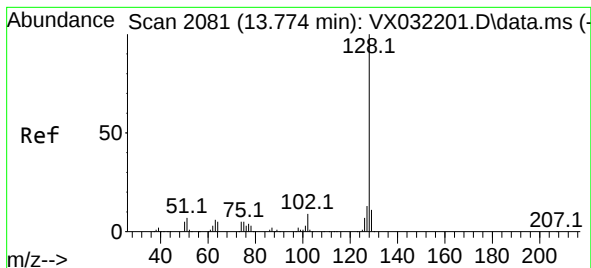
Lab File: VX032216.D

Acq: 19 Oct 2022 18:32

Tgt Ion:225 Resp: 17021

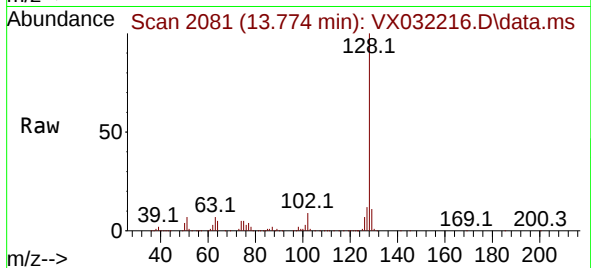
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	64.1	32.0	96.0





#95
Naphthalene
Concen: 20.162 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

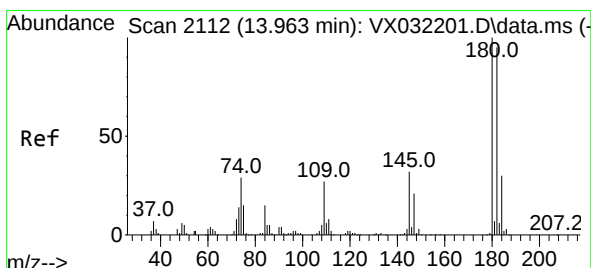
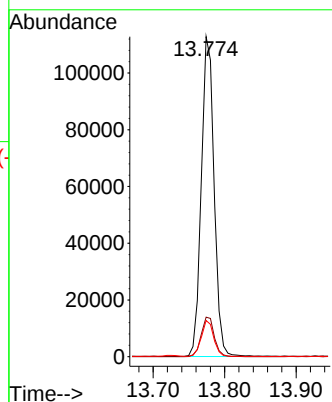
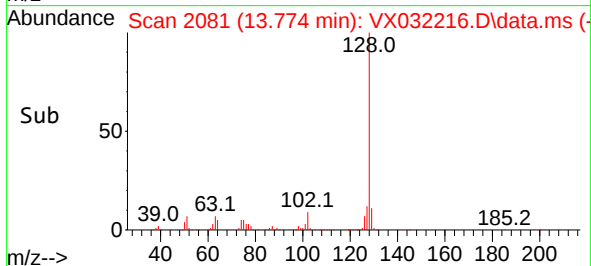
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01



Tgt Ion:128 Resp: 14028
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.980 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032216.D
Acq: 19 Oct 2022 18:32

Tgt Ion:180 Resp: 41472
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.2
145 34.6 16.5 49.5

