

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032283.D
 Acq On : 21 Oct 2022 13:03
 Operator : JC/MD
 Sample : VX1021WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 05:07:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89577	52.040	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.080%			
35) Dibromofluoromethane	5.385	113	70928	49.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.120%			
50) Toluene-d8	8.647	98	251704	48.369	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.079	95	97052	50.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23754	19.623	ug/l	100
3) Chloromethane	1.295	50	21964	17.508	ug/l	92
4) Vinyl Chloride	1.374	62	24894	19.094	ug/l	96
5) Bromomethane	1.618	94	21259	15.574	ug/l	99
6) Chloroethane	1.691	64	19770	17.052	ug/l	100
7) Trichlorofluoromethane	1.886	101	47749	20.602	ug/l	99
8) Diethyl Ether	2.136	74	16136	20.487	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25477	20.276	ug/l	98
10) Methyl Iodide	2.453	142	27089	14.918	ug/l	97
11) Tert butyl alcohol	2.983	59	21397	71.805	ug/l	96
12) 1,1-Dichloroethene	2.319	96	22651	19.179	ug/l	95
13) Acrolein	2.233	56	22500	107.378	ug/l	99
14) Allyl chloride	2.666	41	38156	20.570	ug/l	97
15) Acrylonitrile	3.062	53	63636	98.573	ug/l	100
16) Acetone	2.386	43	54713	97.947	ug/l	96
17) Carbon Disulfide	2.514	76	48111	17.400	ug/l	98
18) Methyl Acetate	2.703	43	38379	20.238	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	83540	20.527	ug/l	99
20) Methylene Chloride	2.788	84	26783	18.673	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	24700	19.202	ug/l	93
22) Diisopropyl ether	3.757	45	83327	20.514	ug/l	99
23) Vinyl Acetate	3.721	43	330062	101.666	ug/l	100
24) 1,1-Dichloroethane	3.611	63	47960	20.435	ug/l	97
25) 2-Butanone	4.562	43	85481	98.014	ug/l	100
26) 2,2-Dichloropropane	4.477	77	38149	22.561	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	30284	20.107	ug/l	96
28) Bromochloromethane	4.898	49	16972	17.528	ug/l	99
29) Tetrahydrofuran	5.007	42	54641	97.005	ug/l	99
30) Chloroform	5.093	83	51945	20.335	ug/l	99
31) Cyclohexane	5.471	56	39743	20.197	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	46236	21.225	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36688	19.729	ug/l	98
37) Ethyl Acetate	4.715	43	35114	19.286	ug/l	99
38) Carbon Tetrachloride	5.678	117	39007	19.870	ug/l	92
39) Methylcyclohexane	7.379	83	44148	19.873	ug/l	96
40) Benzene	6.038	78	105879	19.645	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19166	19.963	ug/l	97
42) 1,2-Dichloroethane	6.086	62	43553	21.097	ug/l	97
43) Isopropyl Acetate	6.342	43	57973	20.287	ug/l	99
44) Trichloroethene	7.129	130	28053	18.901	ug/l	93
45) 1,2-Dichloropropane	7.428	63	27494	20.222	ug/l	99
46) Dibromomethane	7.580	93	20327	20.045	ug/l	98
47) Bromodichloromethane	7.818	83	38574	20.592	ug/l	99
48) Methyl methacrylate	7.696	41	29824	20.927	ug/l	97
49) 1,4-Dioxane	7.696	88	10588	370.184	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	182071	101.640	ug/l	99
52) Toluene	8.720	92	69292	19.847	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39091	19.664	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	42798	20.504	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29408	20.735	ug/l	99
56) Ethyl methacrylate	9.116	69	41344	20.240	ug/l	98
57) 1,3-Dichloropropane	9.311	76	46820	20.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	91275	97.487	ug/l	98
59) 2-Hexanone	9.427	43	133073	99.559	ug/l	99
60) Dibromochloromethane	9.519	129	29243	20.117	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29895	19.883	ug/l	100
64) Tetrachloroethene	9.275	164	24190	19.671	ug/l	93
65) Chlorobenzene	10.079	112	75998	19.904	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	27666	20.250	ug/l	98
67) Ethyl Benzene	10.195	91	137191	20.294	ug/l	100
68) m/p-Xylenes	10.299	106	104471	39.133	ug/l	95
69) o-Xylene	10.640	106	52453	20.509	ug/l	99
70) Styrene	10.659	104	85281	19.774	ug/l	99
71) Bromoform	10.799	173	20182	18.807	ug/l #	97
73) Isopropylbenzene	10.963	105	139380	20.472	ug/l	100
74) N-amyl acetate	10.842	43	53536	21.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42752	19.532	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38389m	20.306	ug/l	
77) Bromobenzene	11.201	156	33188	19.887	ug/l	97
78) n-propylbenzene	11.305	91	160481	20.586	ug/l	99
79) 2-Chlorotoluene	11.366	91	95870	20.405	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118886	20.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10976	20.006	ug/l	93
82) 4-Chlorotoluene	11.457	91	111929	20.462	ug/l	99
83) tert-Butylbenzene	11.713	119	119551	20.319	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	118687	20.759	ug/l	99
85) sec-Butylbenzene	11.890	105	147427	20.733	ug/l	98
86) p-Isopropyltoluene	12.012	119	124199	20.528	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63585	19.796	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	64834	19.650	ug/l	98
89) n-Butylbenzene	12.335	91	108897	20.435	ug/l	99
90) Hexachloroethane	12.536	117	19501	20.771	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	64042	20.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8869	21.209	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	40647	19.801	ug/l	99
94) Hexachlorobutadiene	13.725	225	17218	19.326	ug/l	99
95) Naphthalene	13.774	128	131578	20.013	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41161	19.936	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1021WBS01

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Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 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

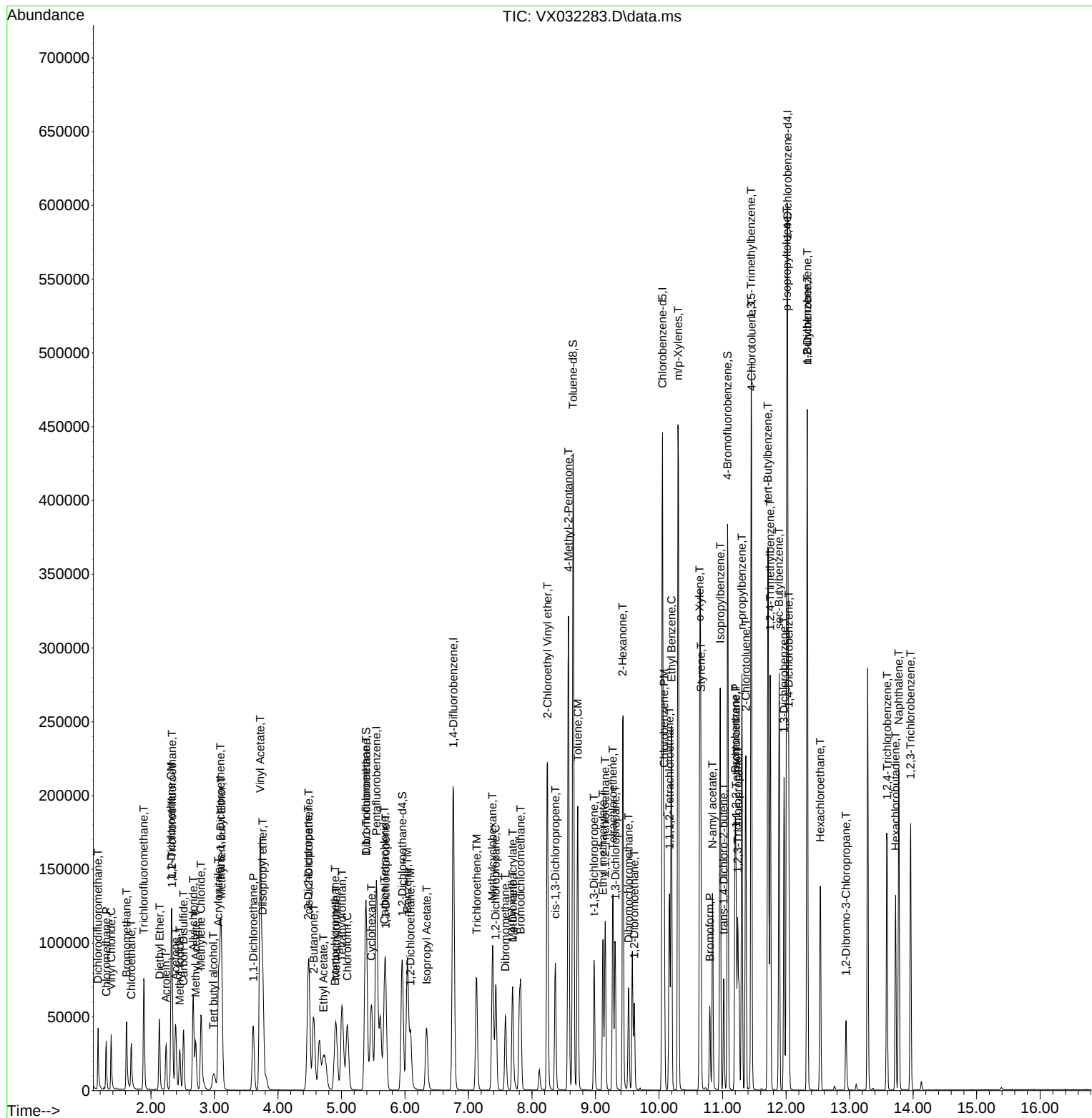
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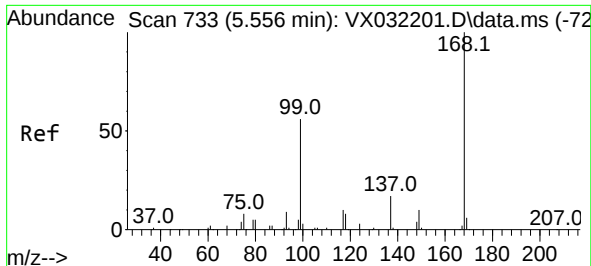
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Manual Integrations APPROVED

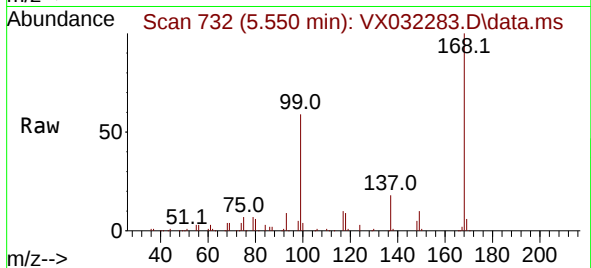
Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

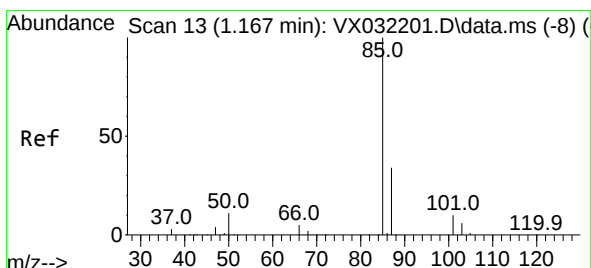
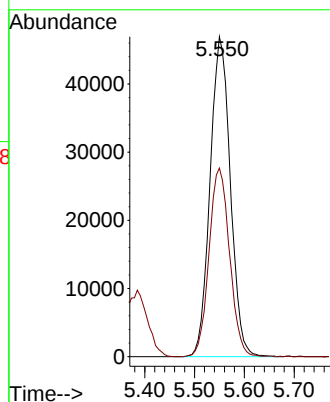
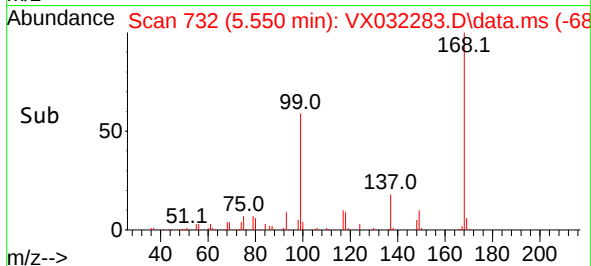
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:168 Resp: 13231
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2

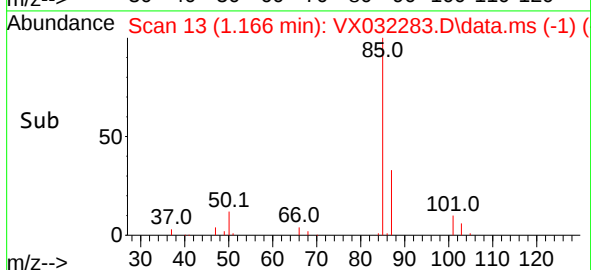
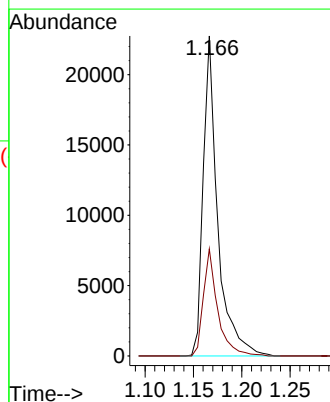
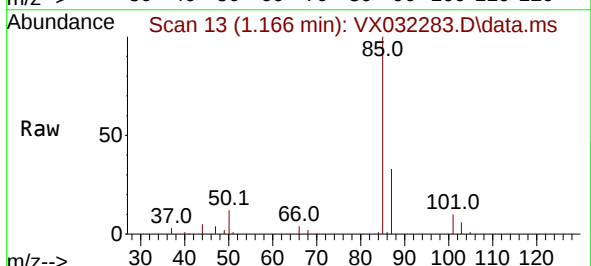
Manual Integrations
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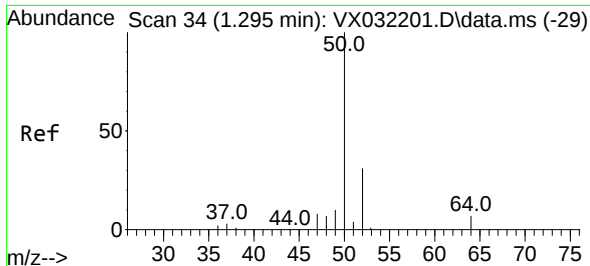
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 19.623 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

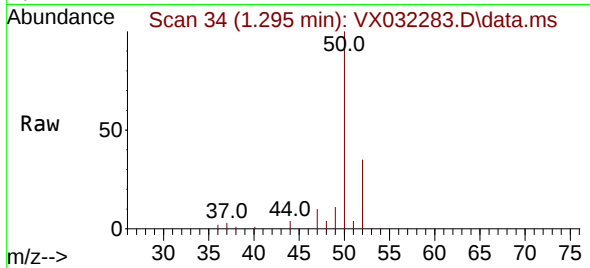
Tgt Ion: 85 Resp: 23754
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.4





#3
Chloromethane
Concen: 17.508 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

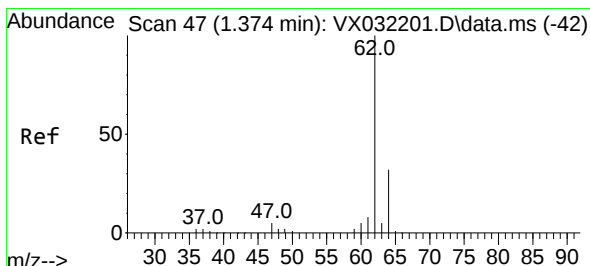
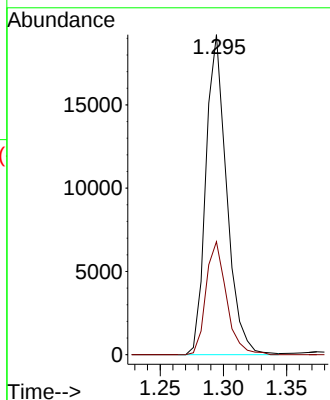
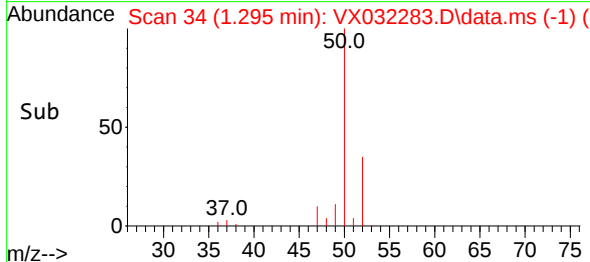
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 50 Resp: 21964
Ion Ratio Lower Upper
50 100
52 35.3 24.7 37.1

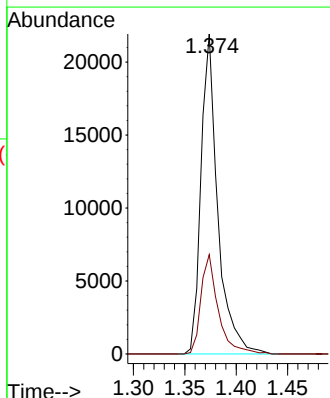
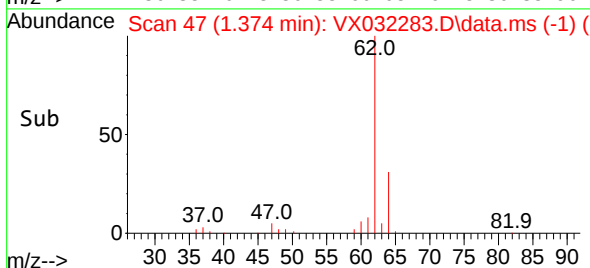
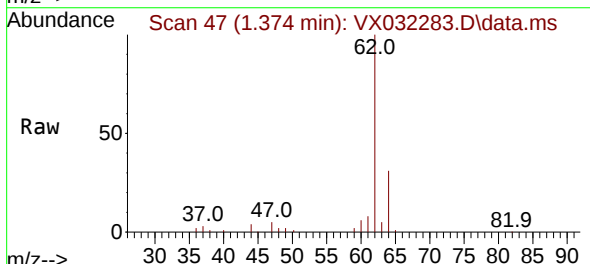
Manual Integrations
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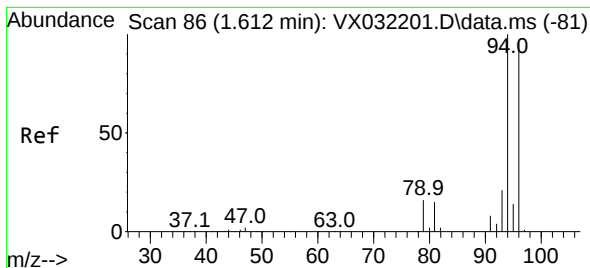
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#4
Vinyl Chloride
Concen: 19.094 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion: 62 Resp: 24894
Ion Ratio Lower Upper
62 100
64 31.0 26.6 39.8





#5

Bromomethane

Concen: 15.574 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 94 Resp: 21259

Ion Ratio Lower Upper

94 100

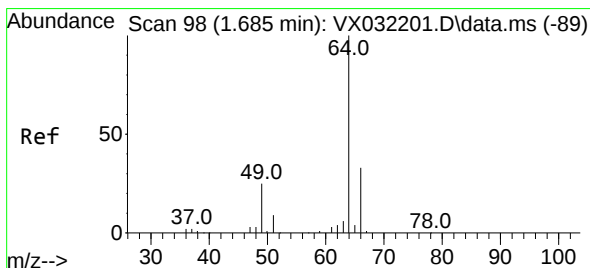
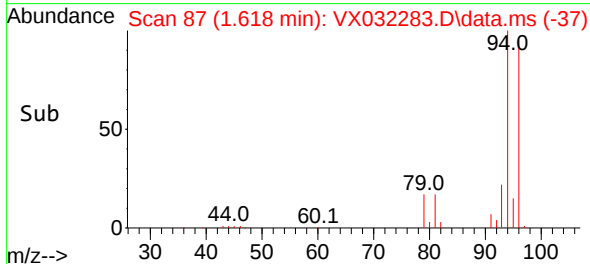
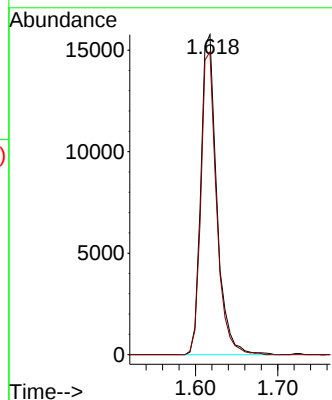
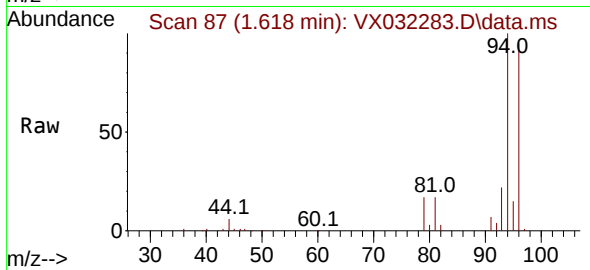
96 94.6 76.7 115.1

Manual Integrations

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Supervised By :Mahesh Dadoda 10/24/2022



#6

Chloroethane

Concen: 17.052 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX032283.D

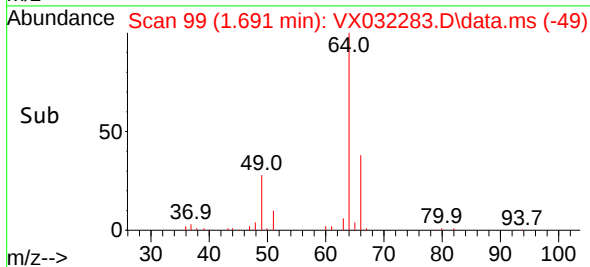
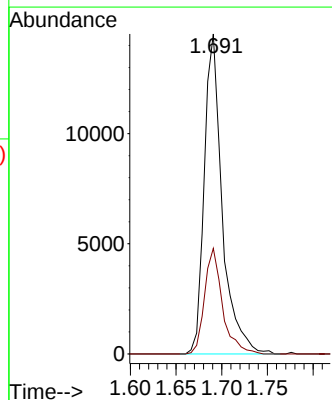
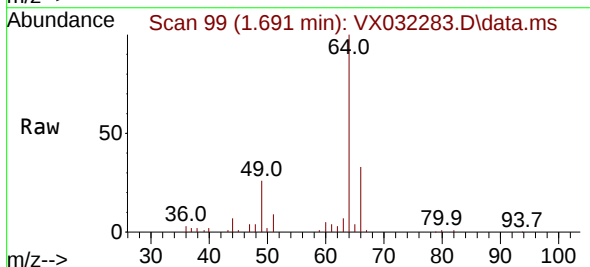
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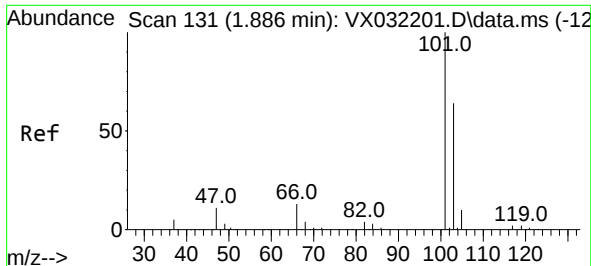
Tgt Ion: 64 Resp: 19770

Ion Ratio Lower Upper

64 100

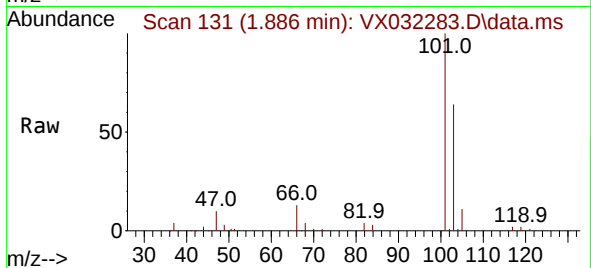
66 33.0 26.6 39.8





#7
Trichlorofluoromethane
Concen: 20.602 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

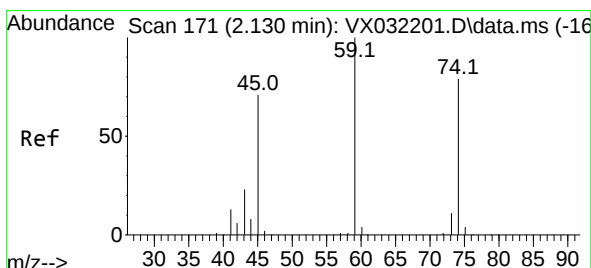
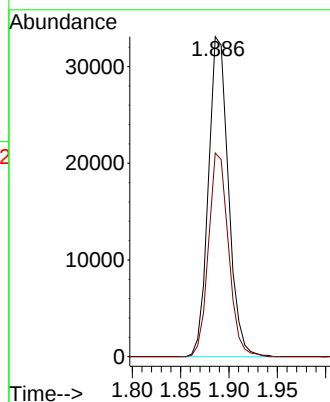
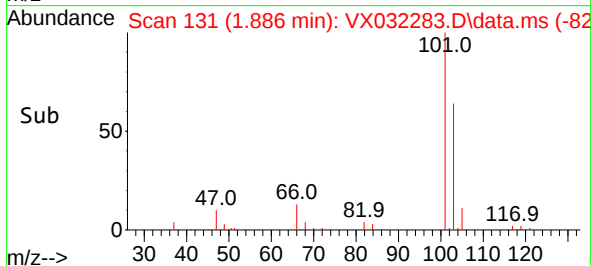
Instrument :
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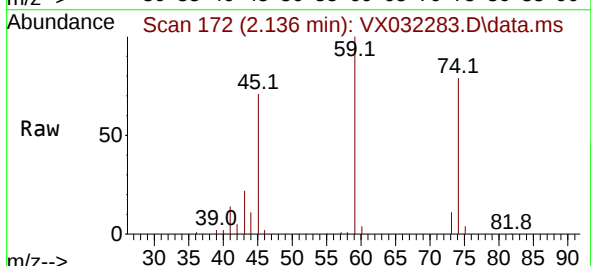
Tgt Ion:101 Resp: 47749
Ion Ratio Lower Upper
101 100
103 63.7 51.3 76.9

Manual Integrations
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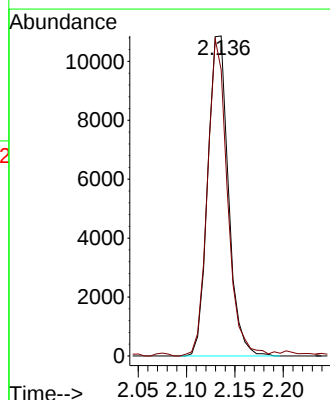
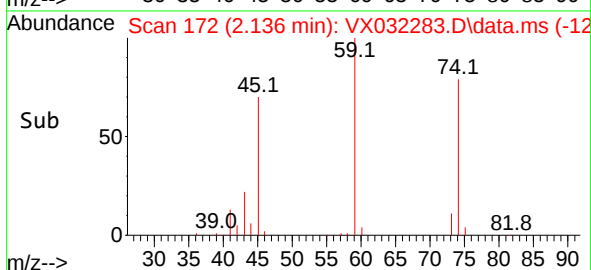
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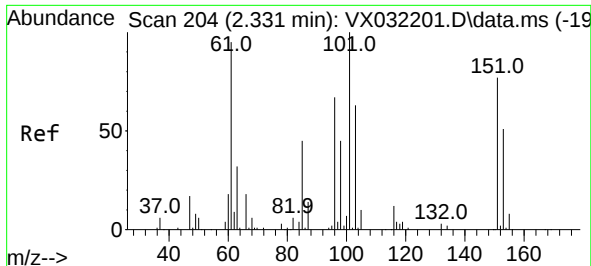


#8
Diethyl Ether
Concen: 20.487 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



Tgt Ion: 74 Resp: 16136
Ion Ratio Lower Upper
74 100
45 96.1 45.9 137.6





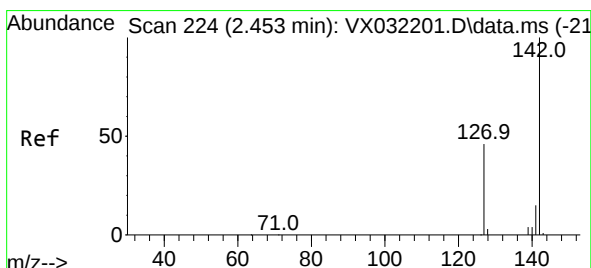
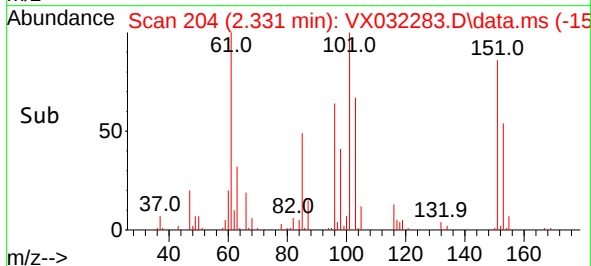
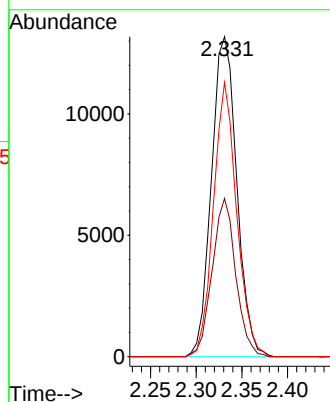
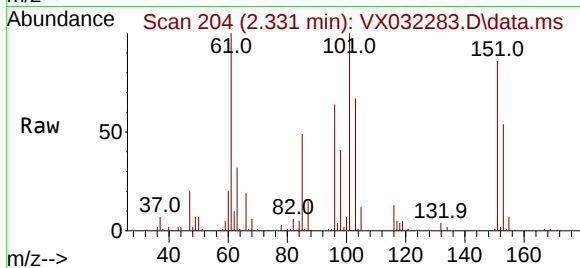
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.276 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:101 Resp: 2547
Ion Ratio Lower Upper
101 100
85 46.1 36.5 54.7
151 78.8 65.5 98.3

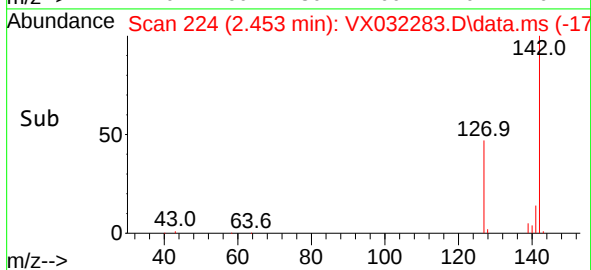
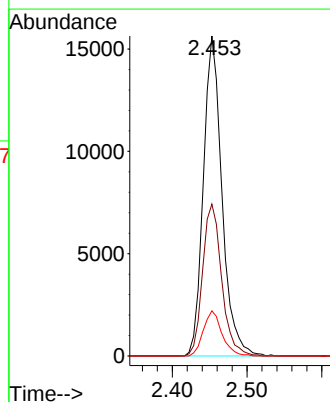
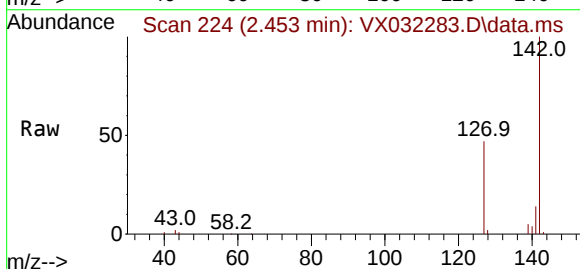
Manual Integrations
APPROVED

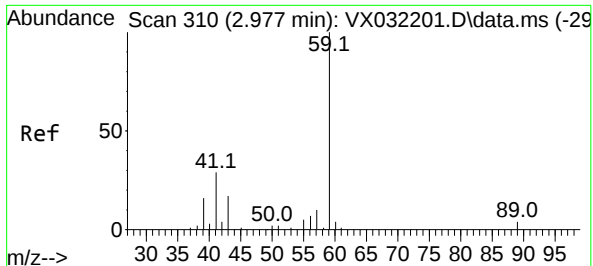
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#10
Methyl Iodide
Concen: 14.918 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion:142 Resp: 27089
Ion Ratio Lower Upper
142 100
127 48.4 36.9 55.3
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 71.805 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 59 Resp: 2139

Ion Ratio Lower Upper

59 100

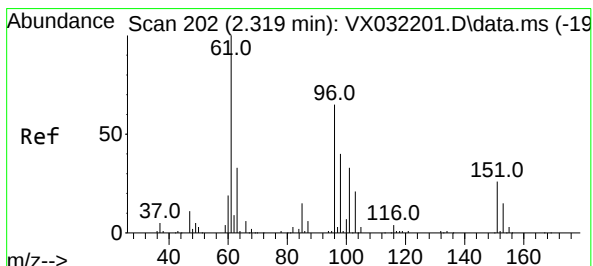
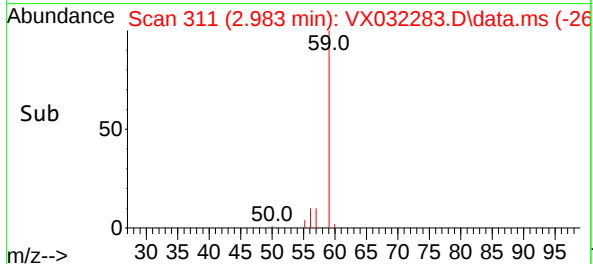
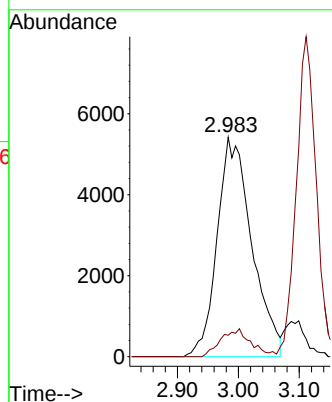
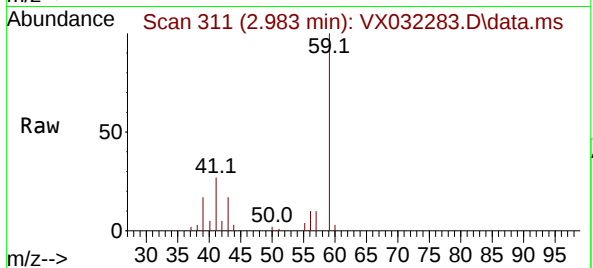
57 10.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#12

1,1-Dichloroethene

Concen: 19.179 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

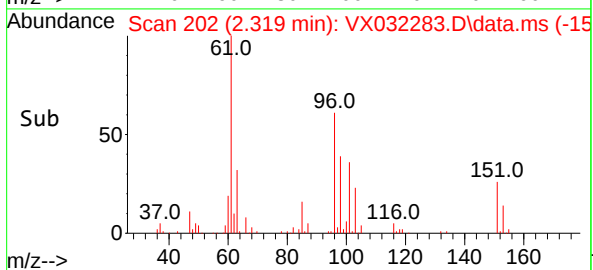
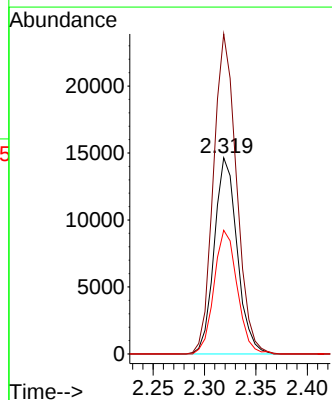
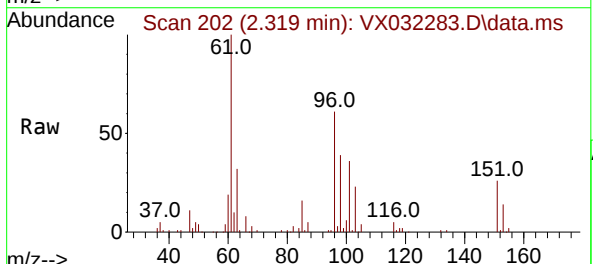
Tgt Ion: 96 Resp: 22651

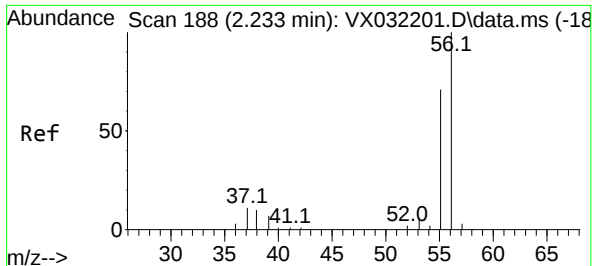
Ion Ratio Lower Upper

96 100

61 163.2 124.0 186.0

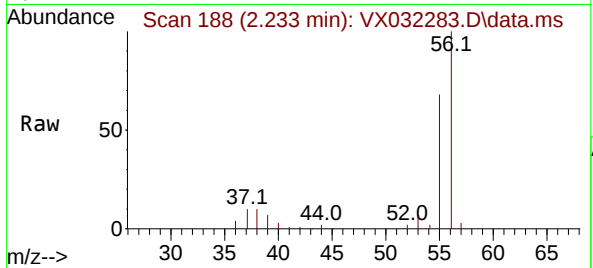
98 63.1 50.0 75.0





#13
Acrolein
Concen: 107.378 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

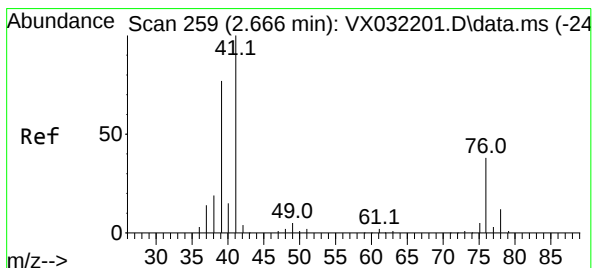
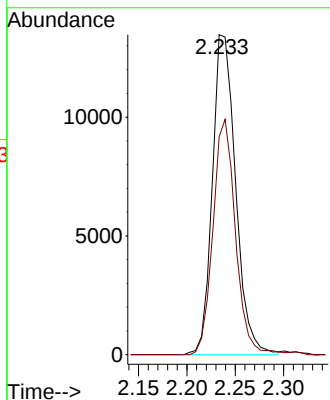
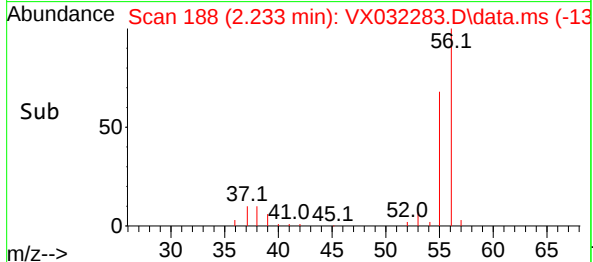
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



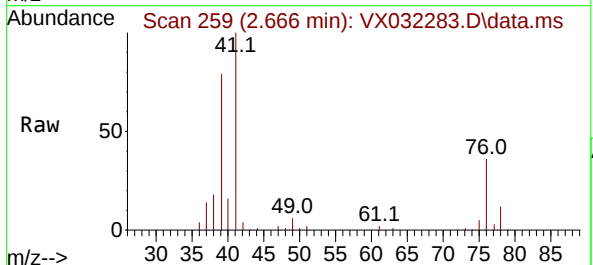
Tgt Ion: 56 Resp: 22500
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6

Manual Integrations
APPROVED

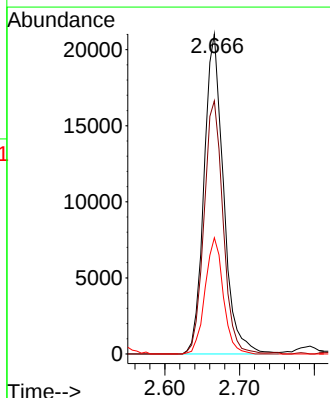
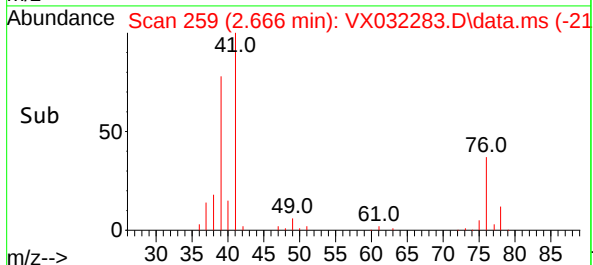
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

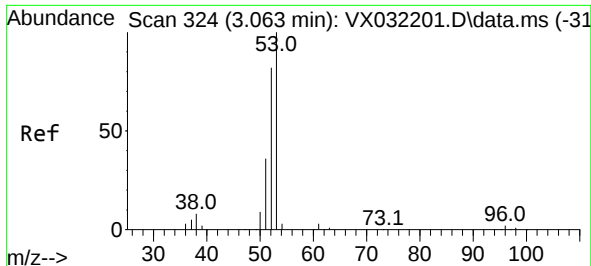


#14
Allyl chloride
Concen: 20.570 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



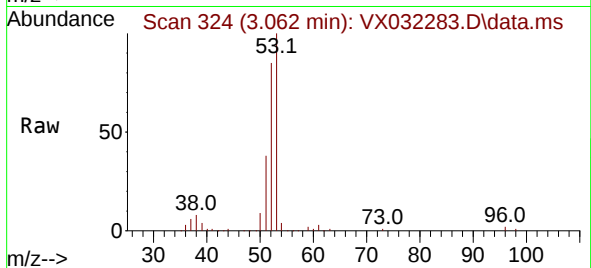
Tgt Ion: 41 Resp: 38156
Ion Ratio Lower Upper
41 100
39 77.2 59.5 89.3
76 33.8 28.6 42.8





#15
Acrylonitrile
Concen: 98.573 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

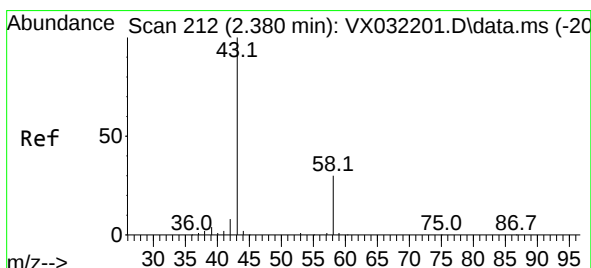
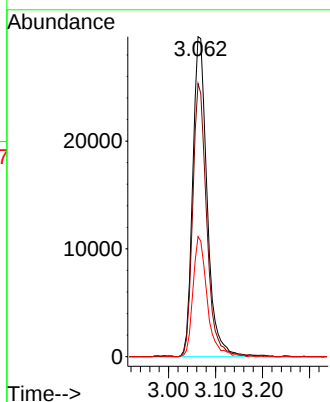
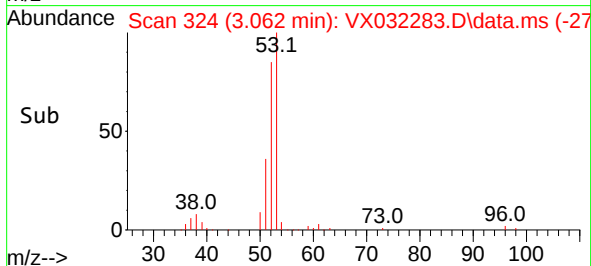
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



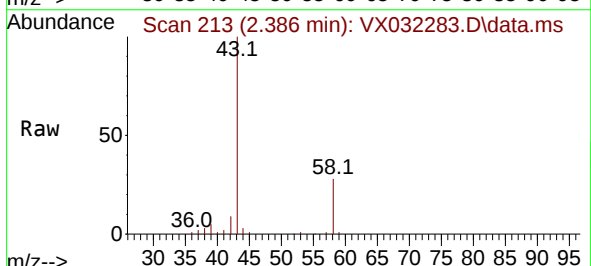
Tgt Ion: 53 Resp: 63630
Ion Ratio Lower Upper
53 100
52 82.9 65.9 98.9
51 37.1 29.7 44.5

Manual Integrations
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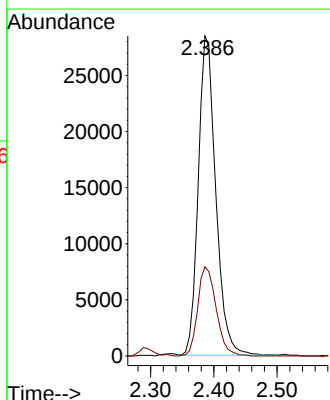
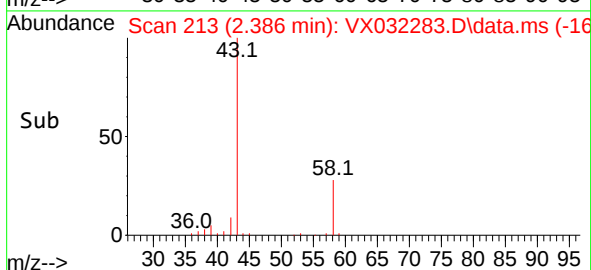
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

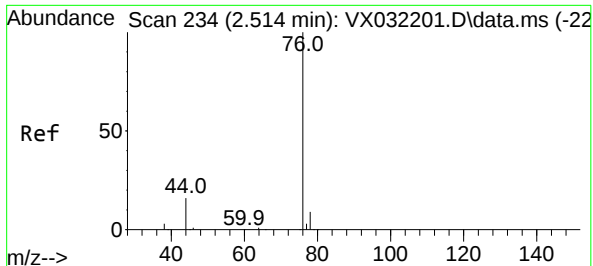


#16
Acetone
Concen: 97.947 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



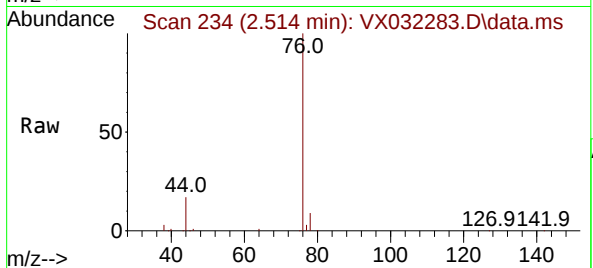
Tgt Ion: 43 Resp: 54713
Ion Ratio Lower Upper
43 100
58 27.9 24.2 36.2





#17
Carbon Disulfide
Concen: 17.400 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

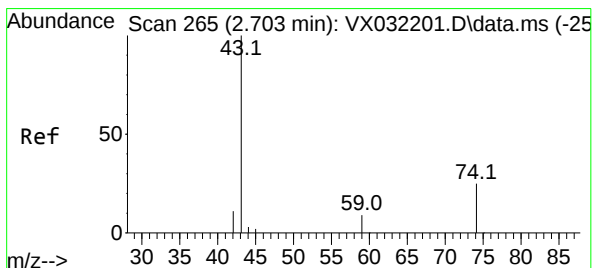
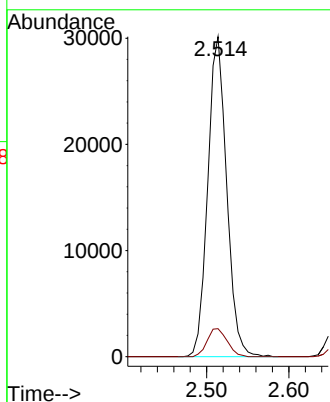
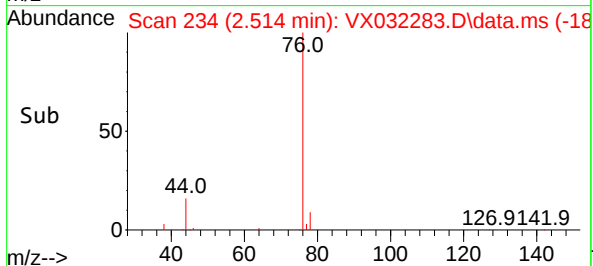
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 76 Resp: 4811
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

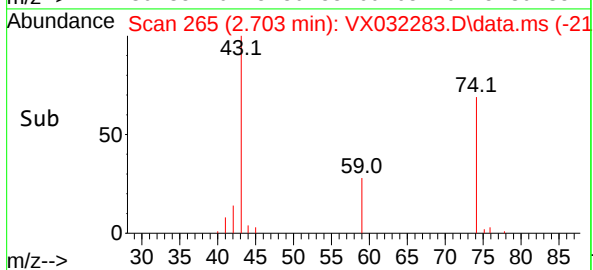
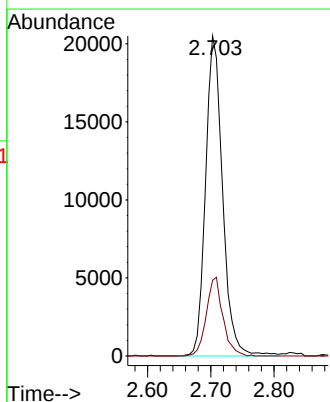
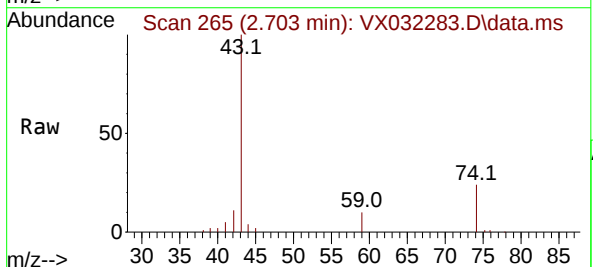
Manual Integrations
APPROVED

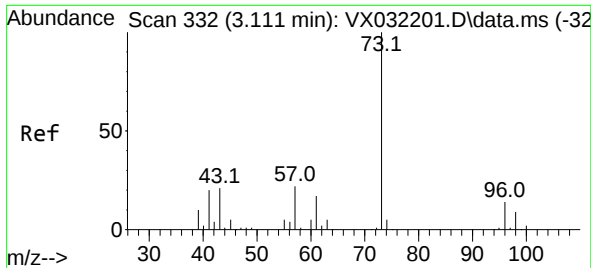
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#18
Methyl Acetate
Concen: 20.238 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion: 43 Resp: 38379
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8





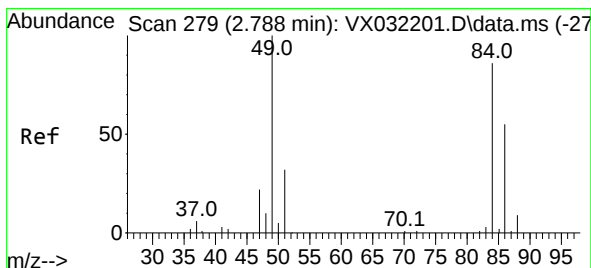
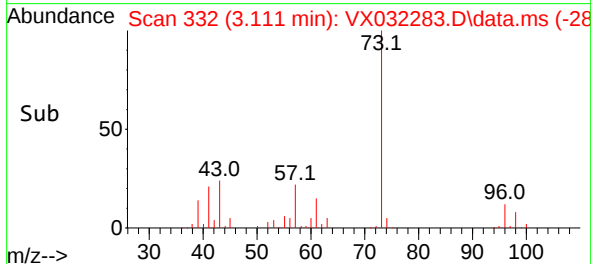
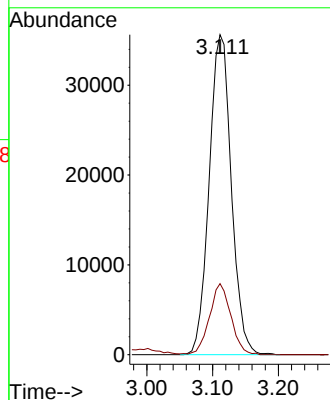
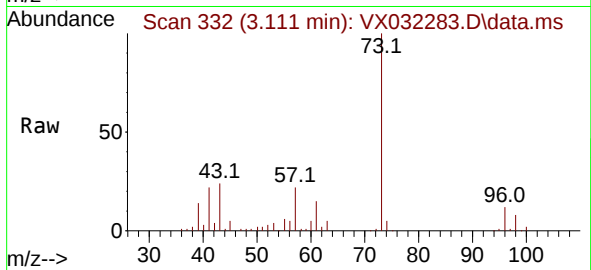
#19
Methyl tert-butyl Ether
Concen: 20.527 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 73 Resp: 83540
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

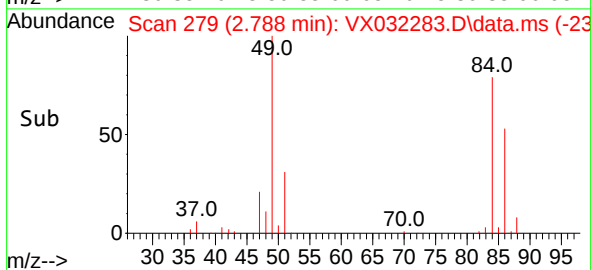
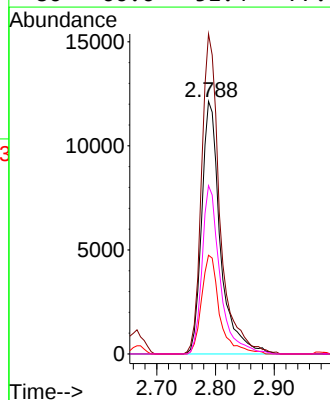
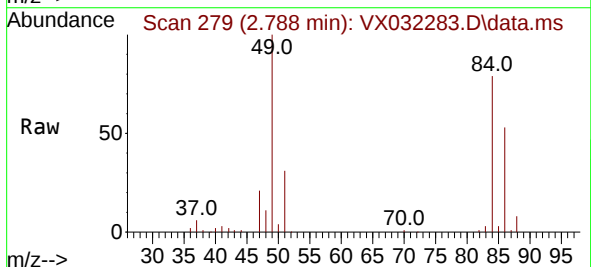
Manual Integrations
APPROVED

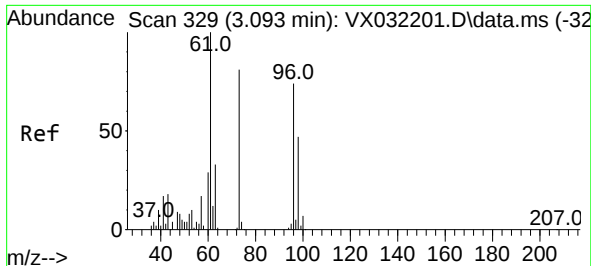
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#20
Methylene Chloride
Concen: 18.673 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

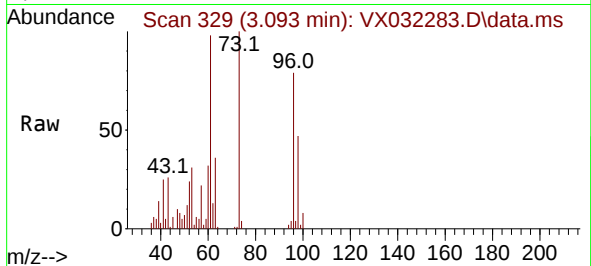
Tgt Ion: 84 Resp: 26783
Ion Ratio Lower Upper
84 100
49 126.7 92.6 139.0
51 39.1 29.2 43.8
86 66.6 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 19.202 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

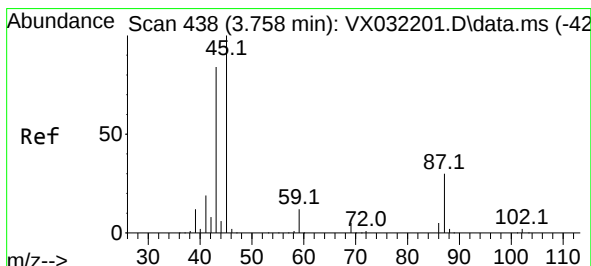
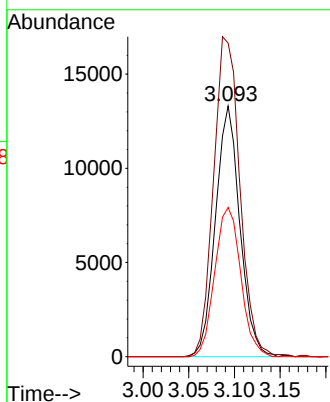
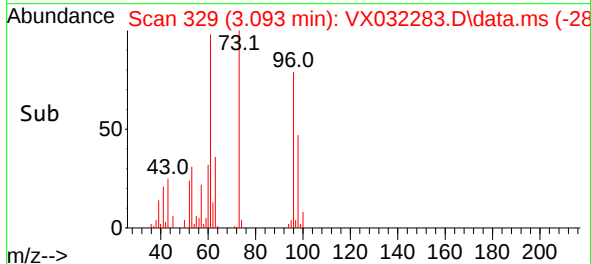
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 96 Resp: 24700
Ion Ratio Lower Upper
96 100
61 125.1 107.7 161.5
98 59.5 50.2 75.4

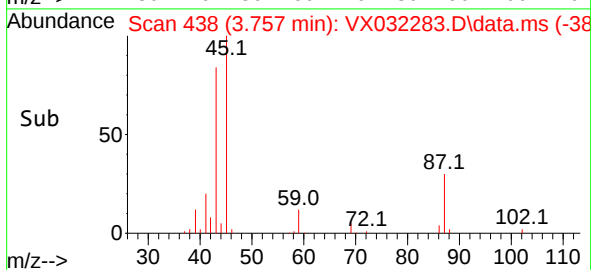
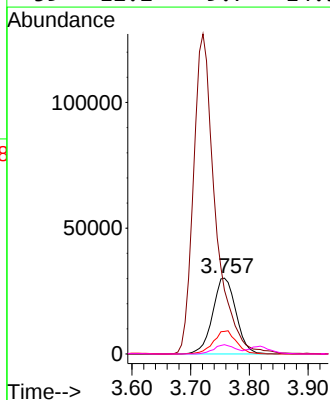
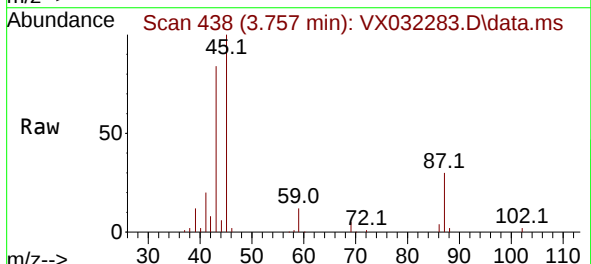
Manual Integrations
APPROVED

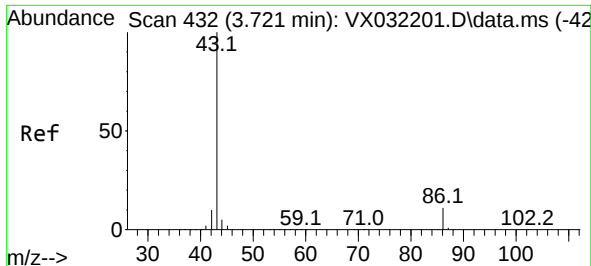
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#22
Diisopropyl ether
Concen: 20.514 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

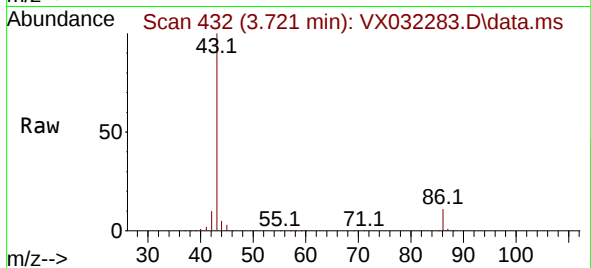
Tgt Ion: 45 Resp: 83327
Ion Ratio Lower Upper
45 100
43 82.6 67.5 101.3
87 29.7 24.0 36.0
59 12.2 9.7 14.5





#23
 Vinyl Acetate
 Concen: 101.666 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032283.D
 Acq: 21 Oct 2022 13:03

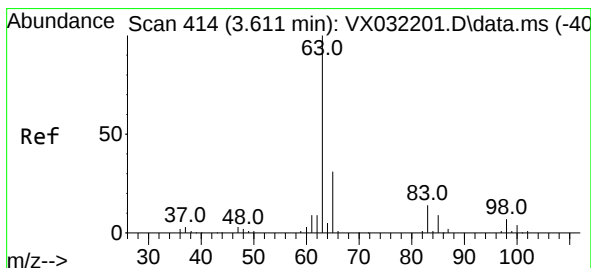
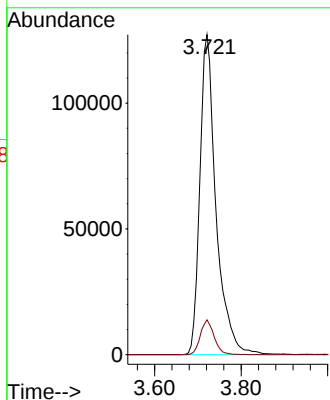
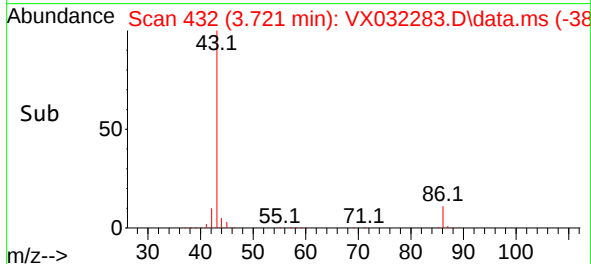
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01



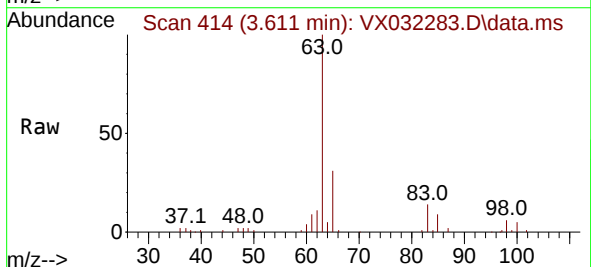
Tgt Ion: 43 Resp: 330062
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

Manual Integrations
 APPROVED

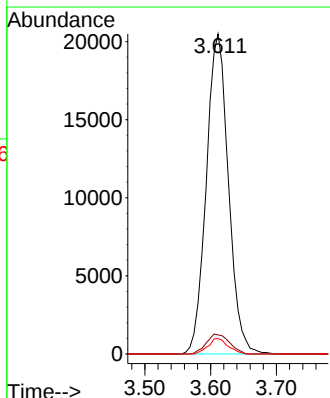
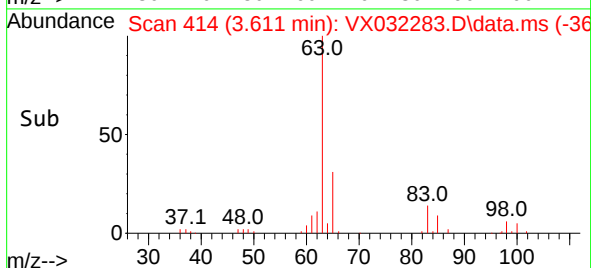
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

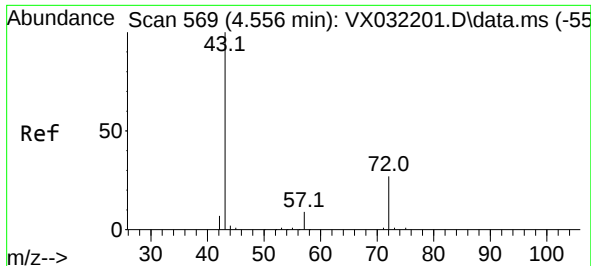


#24
 1,1-Dichloroethane
 Concen: 20.435 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032283.D
 Acq: 21 Oct 2022 13:03



Tgt Ion: 63 Resp: 47960
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 4.8 2.1 6.3





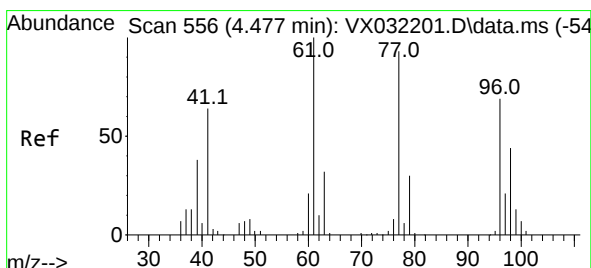
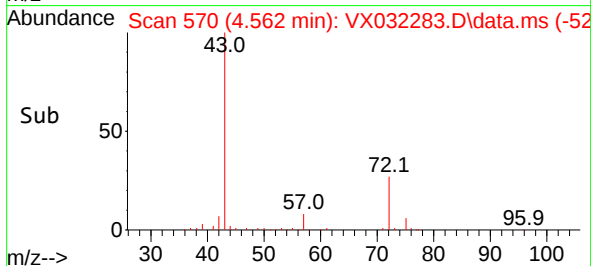
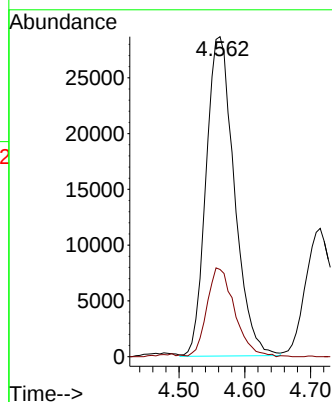
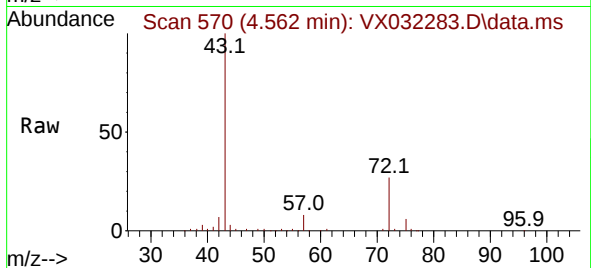
#25
2-Butanone
Concen: 98.014 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 8548
Ion Ratio Lower Upper
43 100
72 27.1 21.7 32.5

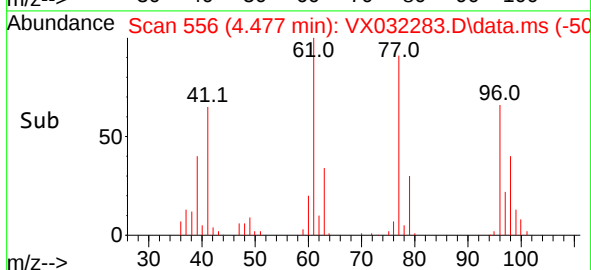
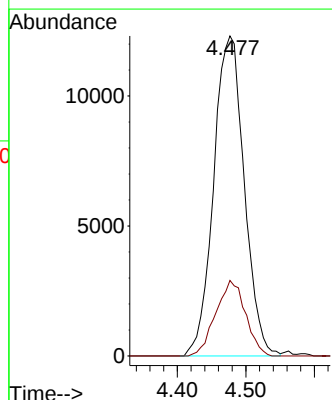
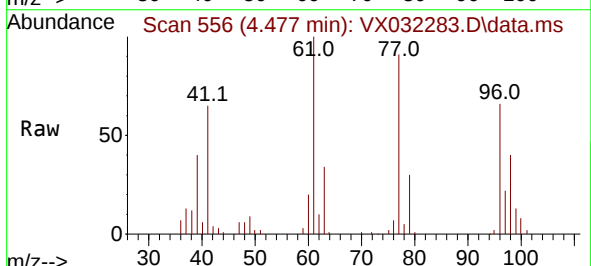
Manual Integrations
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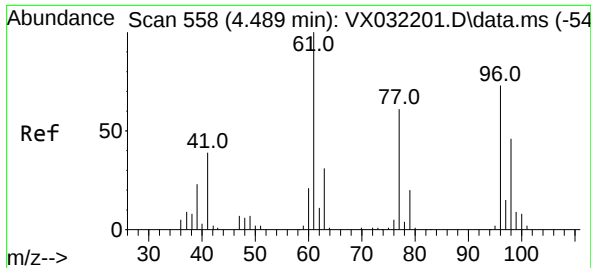
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
2,2-Dichloropropane
Concen: 22.561 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

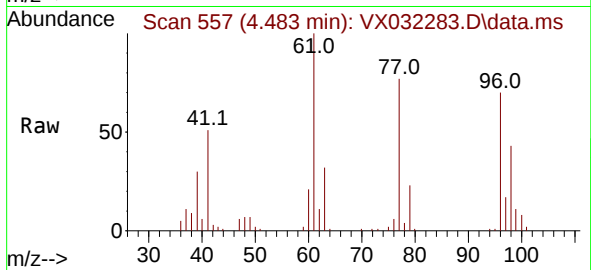
Tgt Ion: 77 Resp: 38149
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.107 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX032283.D
 Acq: 21 Oct 2022 13:03

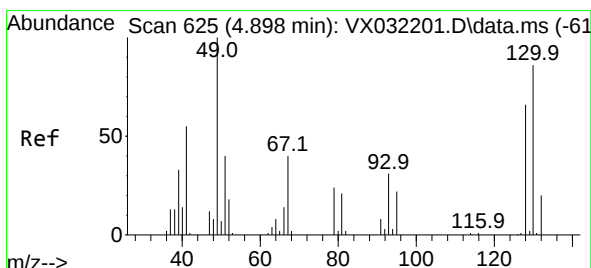
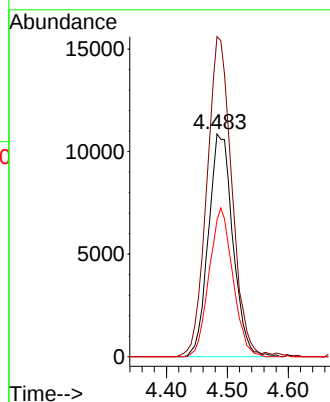
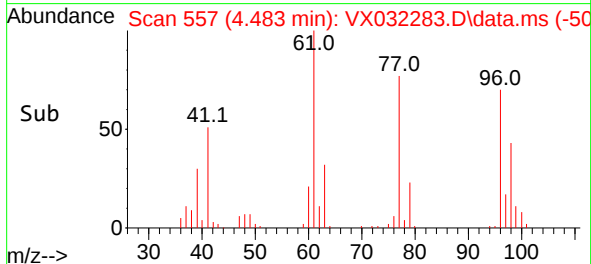
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01



Tgt Ion: 96 Resp: 30284
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 279.2
 98 64.5 0.0 128.0

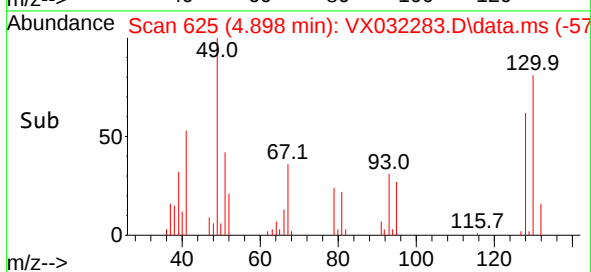
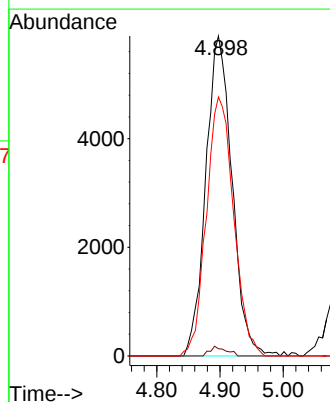
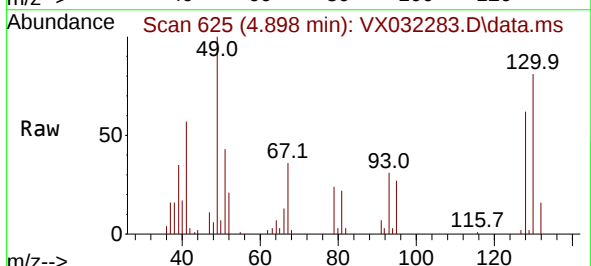
Manual Integrations
 APPROVED

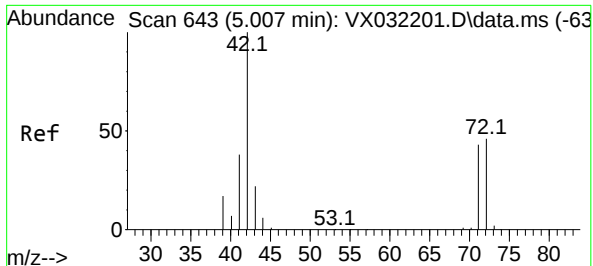
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#28
 Bromochloromethane
 Concen: 17.528 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX032283.D
 Acq: 21 Oct 2022 13:03

Tgt Ion: 49 Resp: 16972
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 84.1 68.3 102.5





#29

Tetrahydrofuran

Concen: 97.005 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

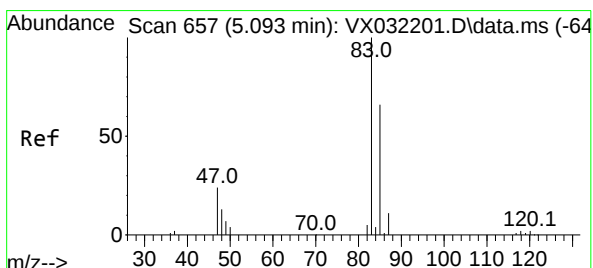
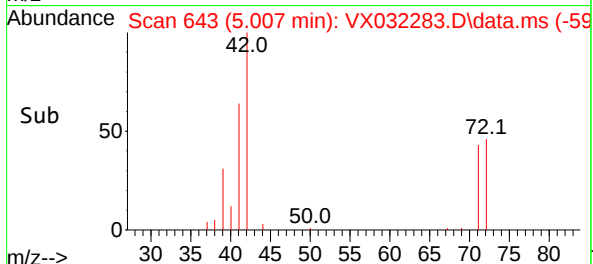
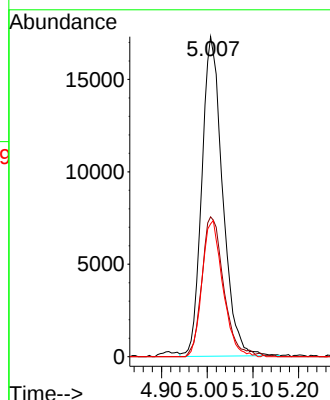
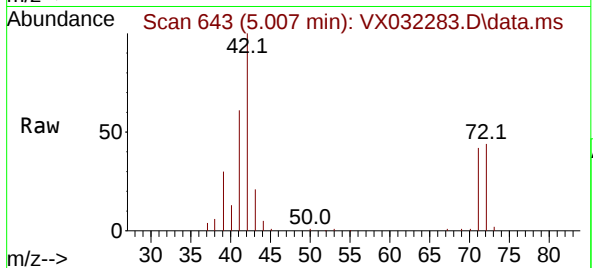
Tgt Ion:	42	Resp:	5464
Ion Ratio	Lower	Upper	
42	100		
72	46.2	37.5	56.3
71	42.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Chloroform

Concen: 20.335 ug/l

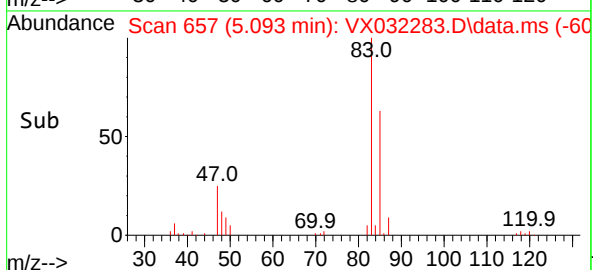
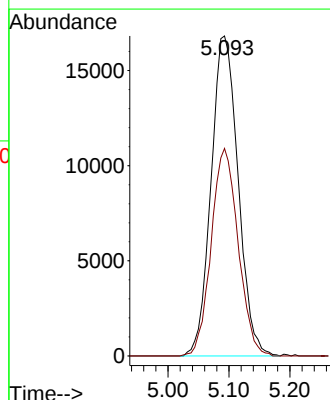
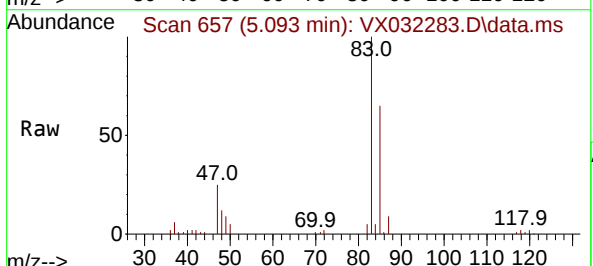
RT: 5.093 min Scan# 657

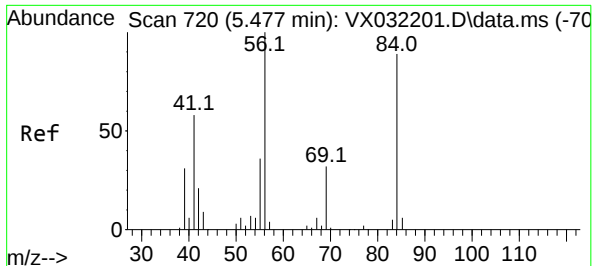
Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion:	83	Resp:	51945
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.5	78.7





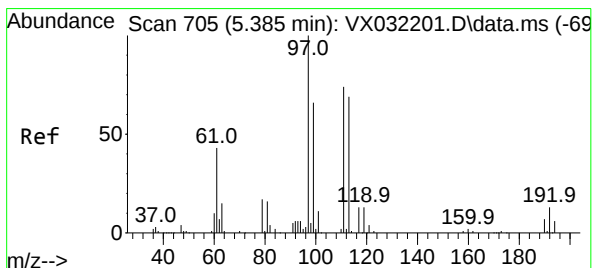
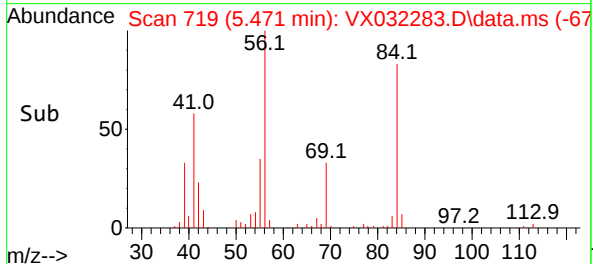
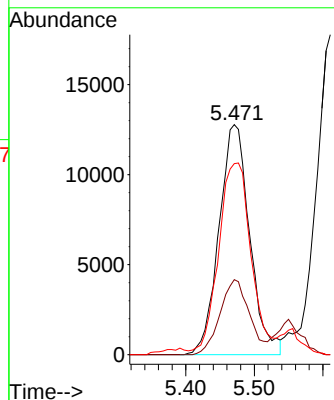
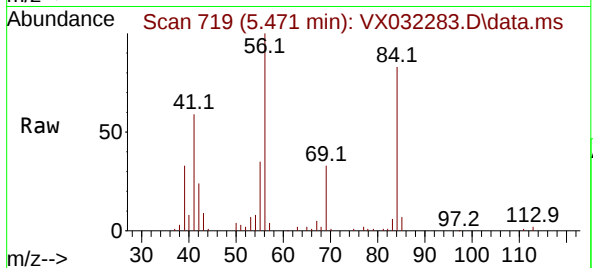
#31
Cyclohexane
Concen: 20.197 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 56 Resp: 3974
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.0
84 80.2 71.2 106.8

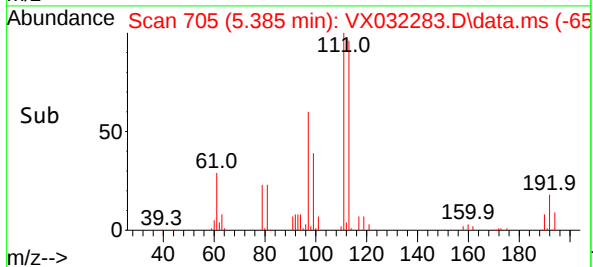
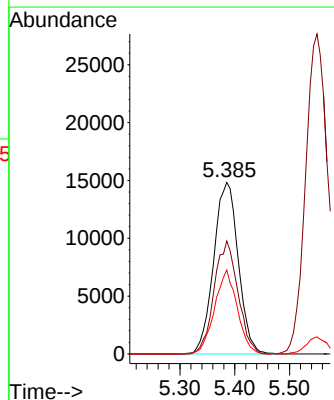
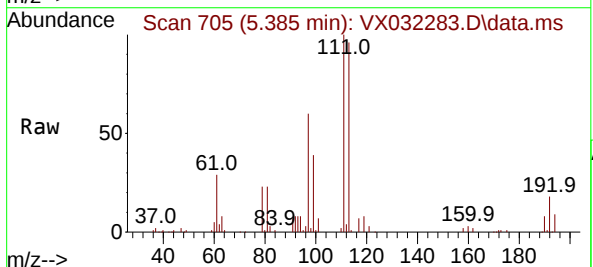
Manual Integrations
APPROVED

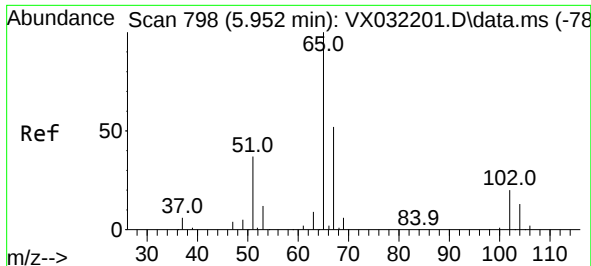
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#32
1,1,1-Trichloroethane
Concen: 21.225 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion: 97 Resp: 46236
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 45.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.040 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 65 Resp: 8957

Ion Ratio Lower Upper

65 100

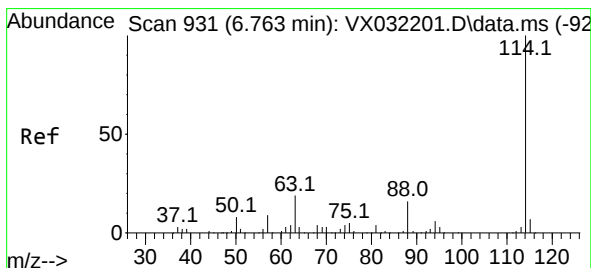
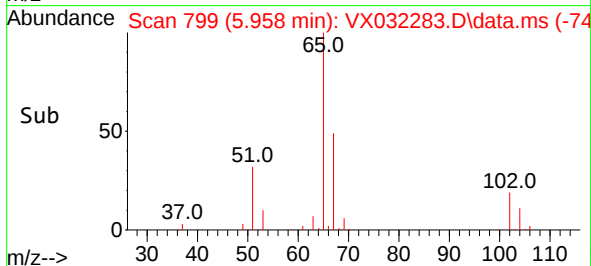
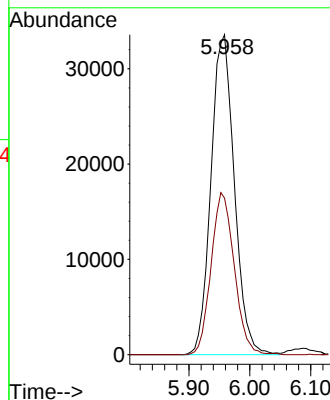
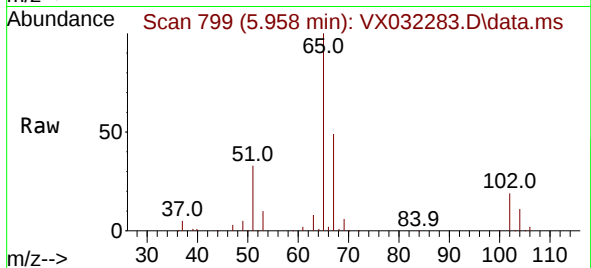
67 50.3 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

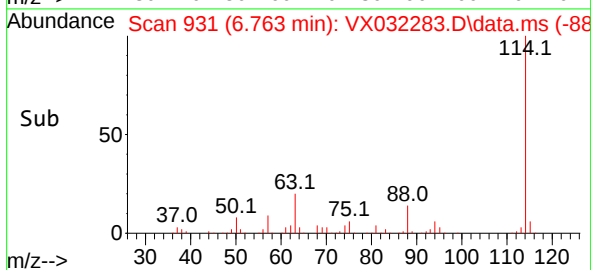
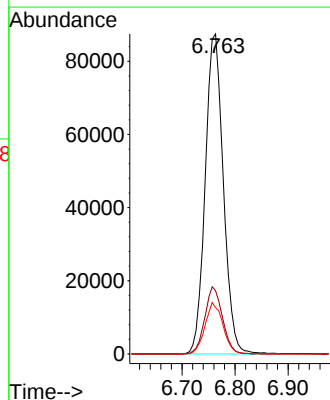
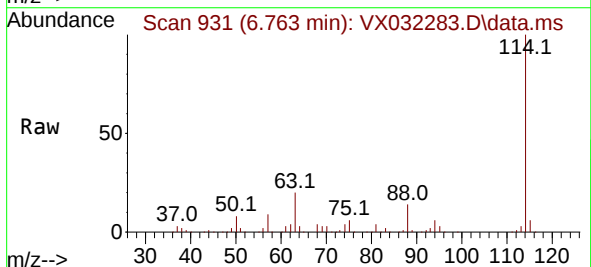
Tgt Ion:114 Resp: 207744

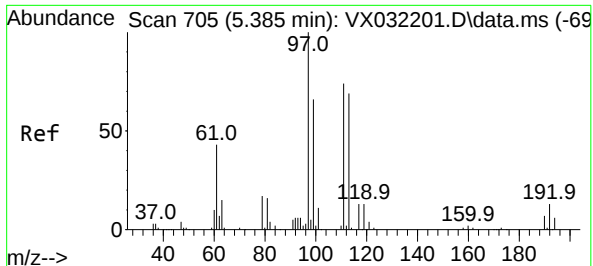
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.064 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

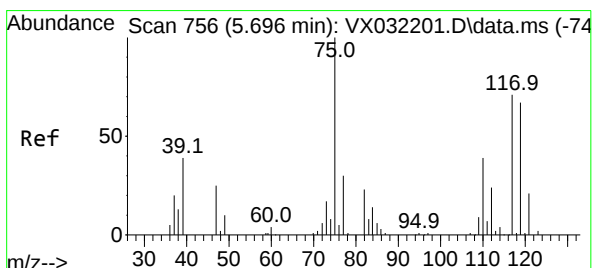
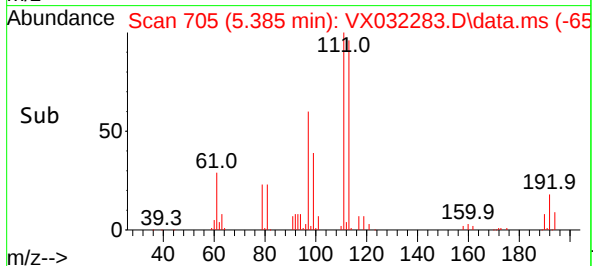
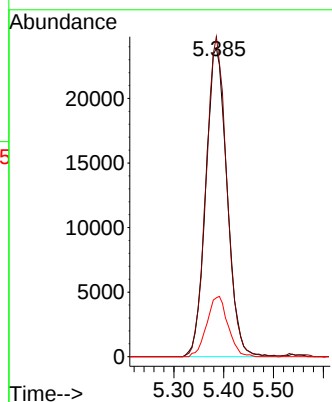
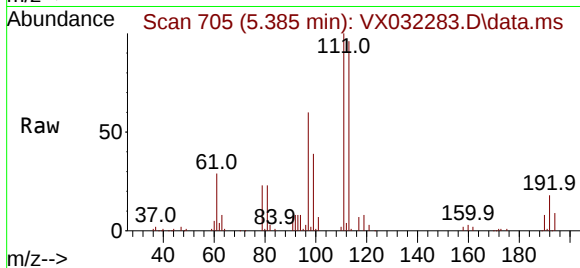
Tgt Ion:	113	Resp:	70928
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.8	124.2
192	19.3	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#36

1,1-Dichloropropene

Concen: 19.729 ug/l

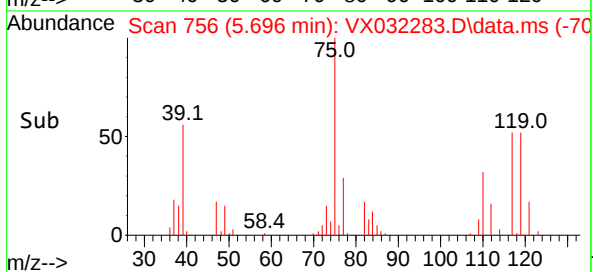
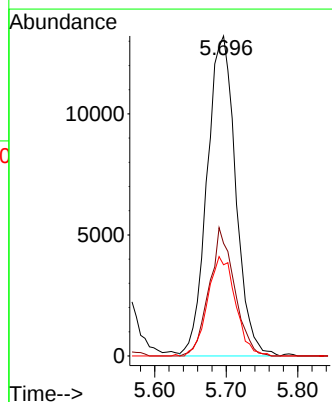
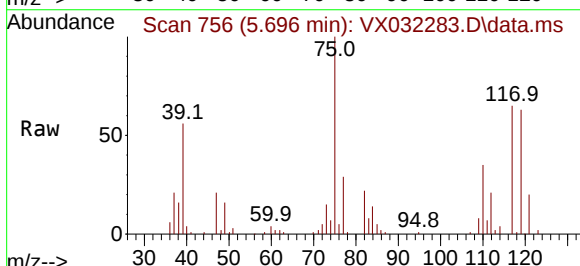
RT: 5.696 min Scan# 756

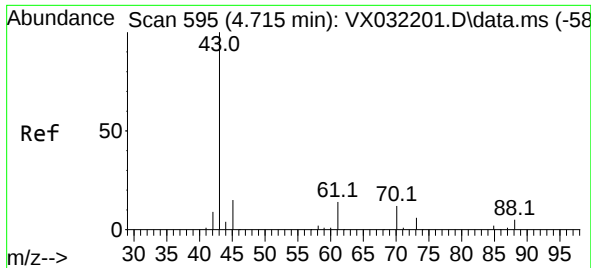
Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

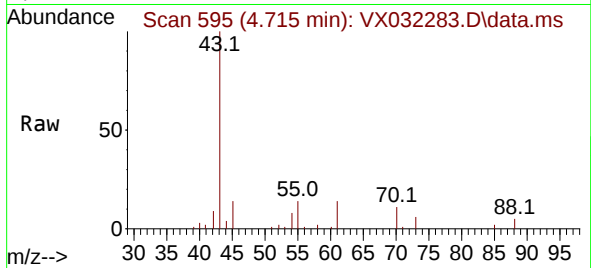
Tgt Ion:	75	Resp:	36688
Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.4	55.0
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 19.286 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

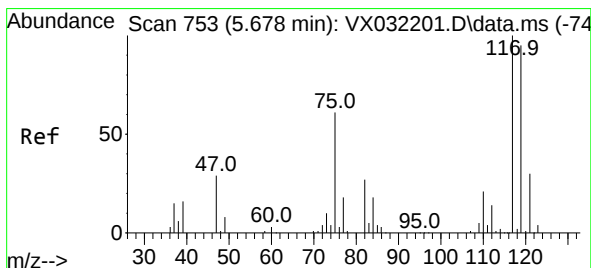
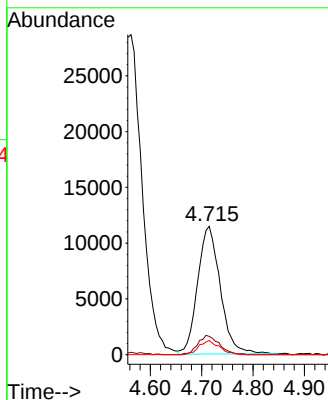
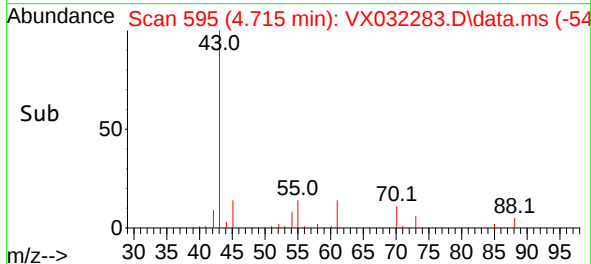
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 43 Resp: 35114
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 9.8 8.8 13.2

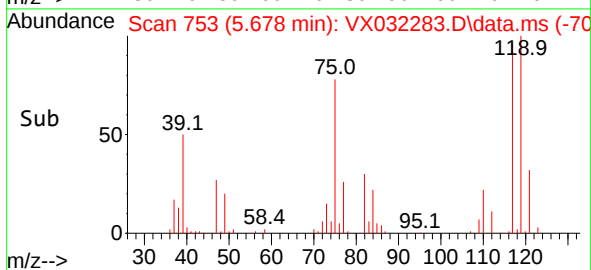
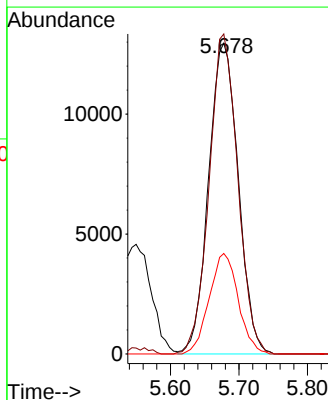
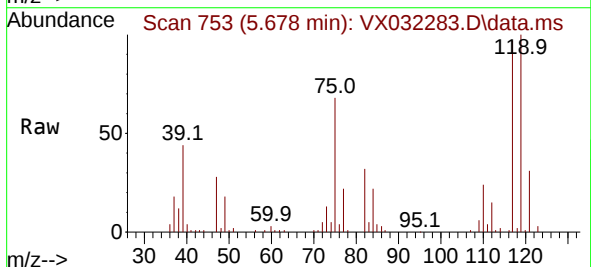
Manual Integrations
APPROVED

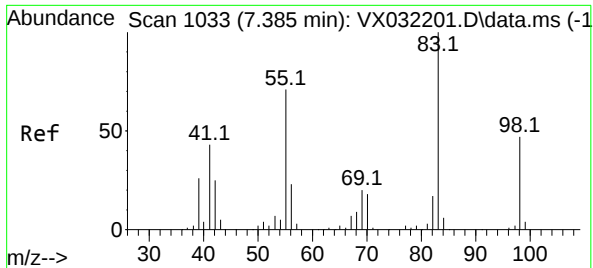
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#38
Carbon Tetrachloride
Concen: 19.870 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion:117 Resp: 39007
Ion Ratio Lower Upper
117 100
119 103.0 75.4 113.0
121 32.3 23.9 35.9





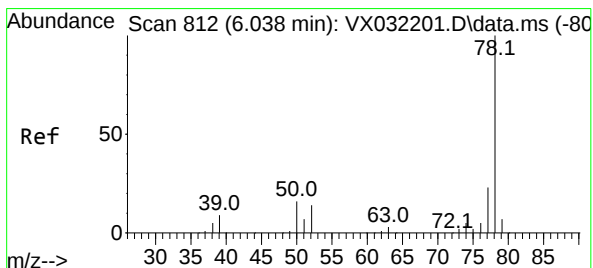
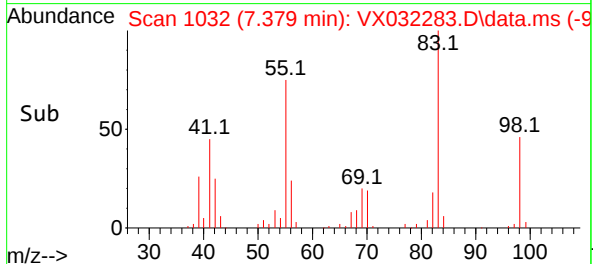
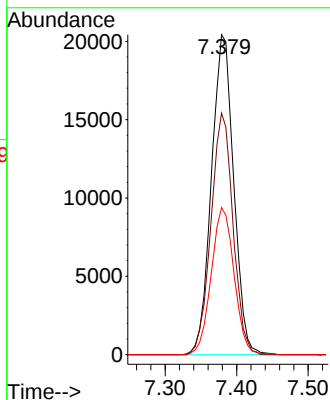
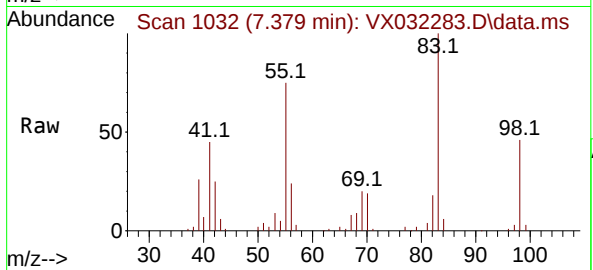
#39
Methylcyclohexane
Concen: 19.873 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 4414
Ion Ratio Lower Upper
83 100
55 75.5 56.6 85.0
98 45.9 37.4 56.0

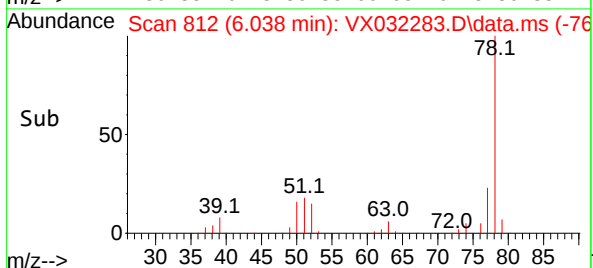
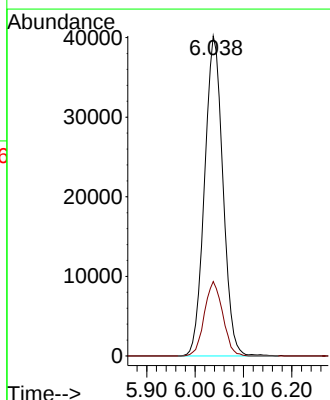
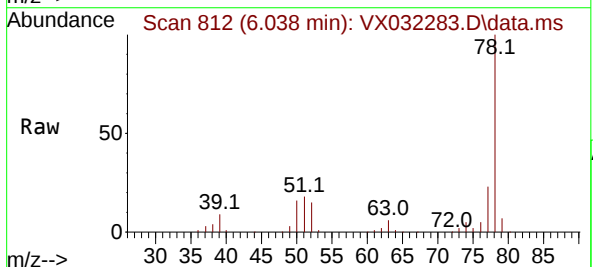
Manual Integrations
APPROVED

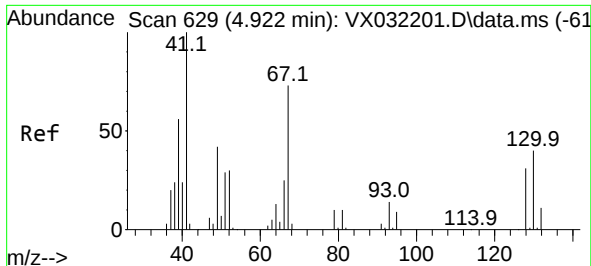
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#40
Benzene
Concen: 19.645 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

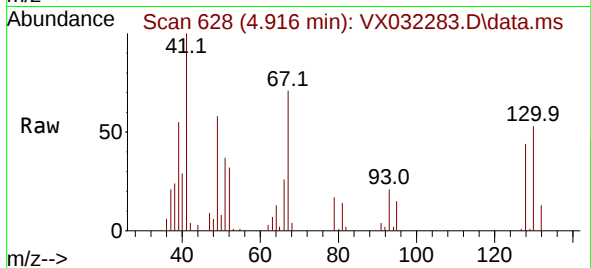
Tgt Ion: 78 Resp: 105879
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 19.963 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

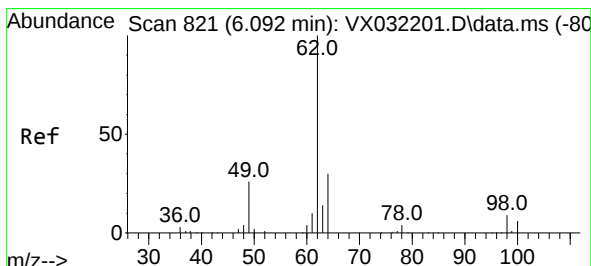
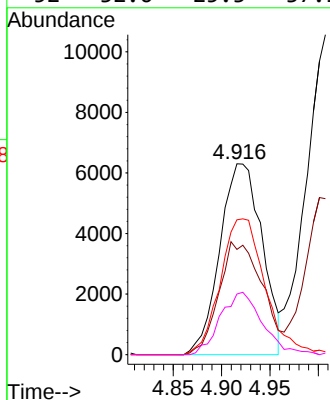
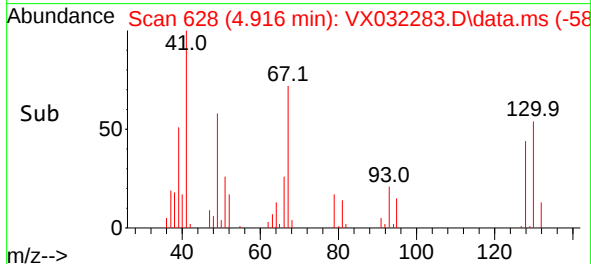
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 41 Resp: 1916
Ion Ratio Lower Upper
41 100
39 61.1 45.5 68.3
67 75.4 59.4 89.2
52 32.6 25.3 37.9

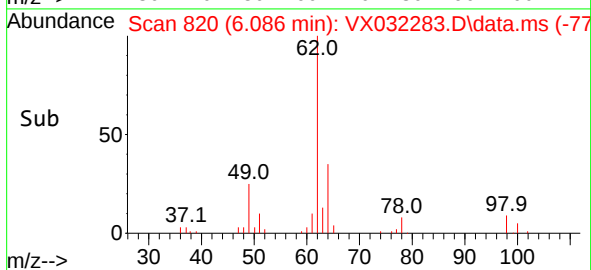
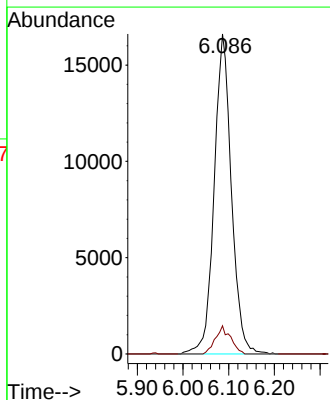
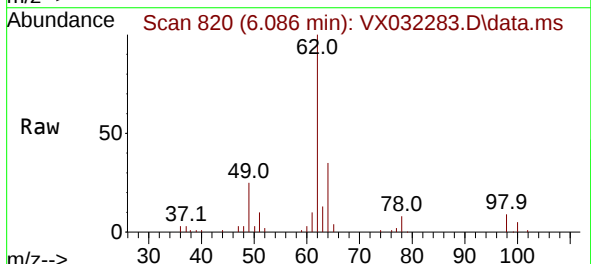
Manual Integrations
APPROVED

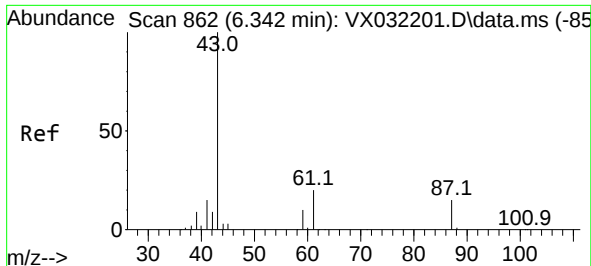
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42
1,2-Dichloroethane
Concen: 21.097 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion: 62 Resp: 43553
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.4





#43

Isopropyl Acetate

Concen: 20.287 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

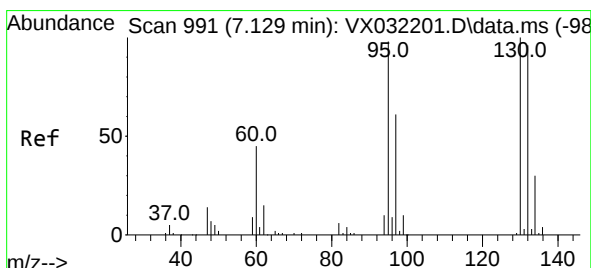
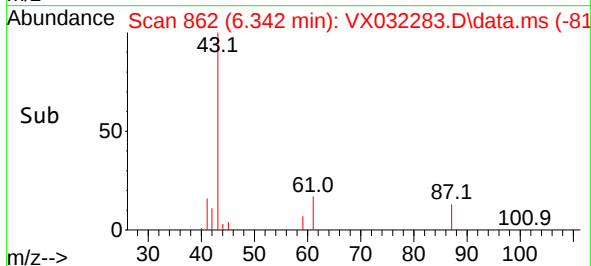
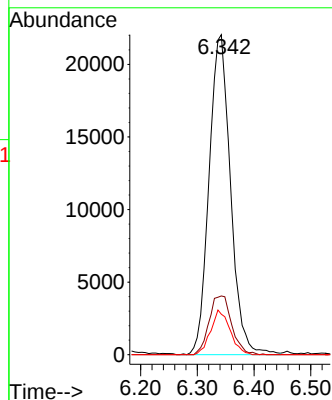
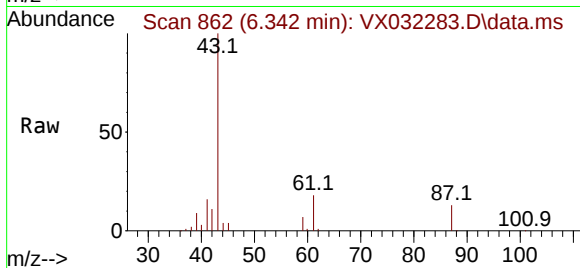
Tgt Ion: 43	Resp: 5797
Ion Ratio	Lower Upper
43	100
61	19.3 15.5 23.3
87	12.6 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#44

Trichloroethene

Concen: 18.901 ug/l

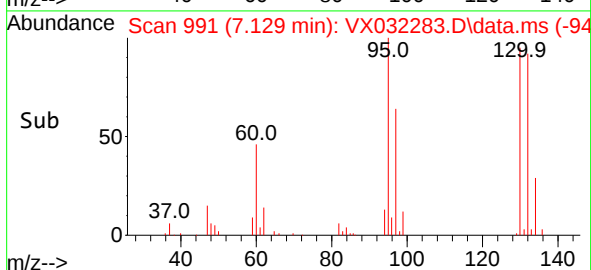
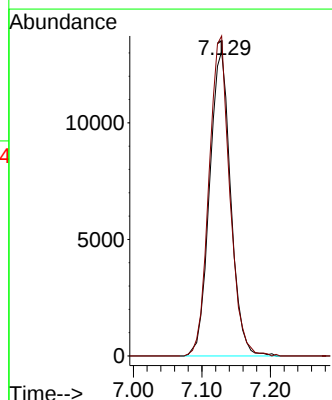
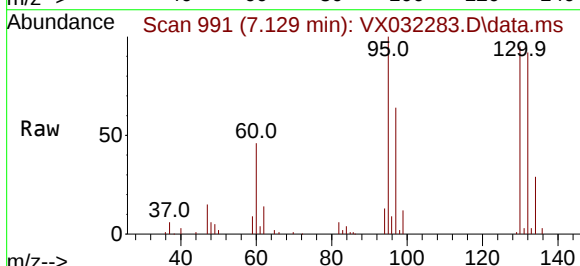
RT: 7.129 min Scan# 991

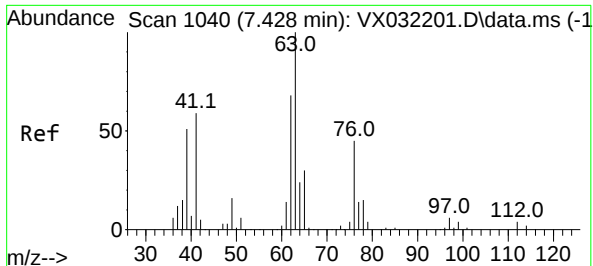
Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion:130	Resp: 28053
Ion Ratio	Lower Upper
130	100
95	105.0 0.0 196.8





#45

1,2-Dichloropropane

Concen: 20.222 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 63 Resp: 27494

Ion Ratio Lower Upper

63 100

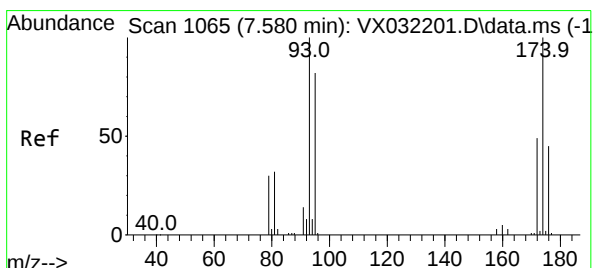
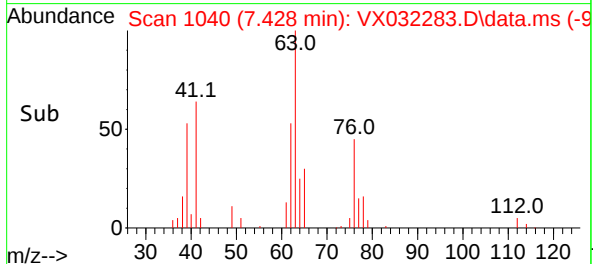
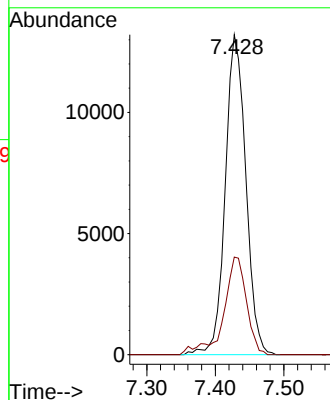
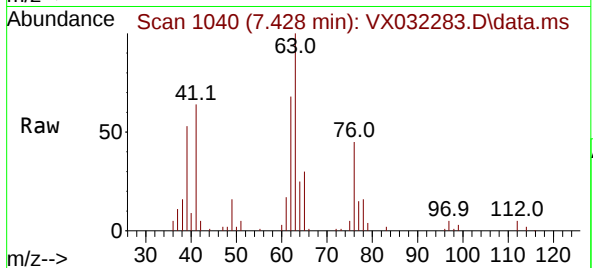
65 30.5 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#46

Dibromomethane

Concen: 20.045 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

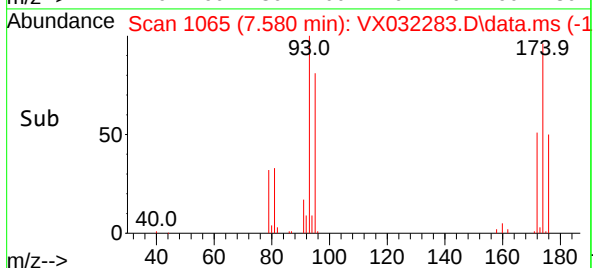
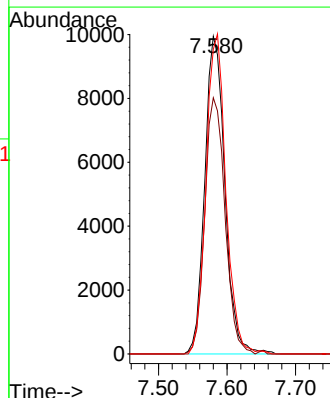
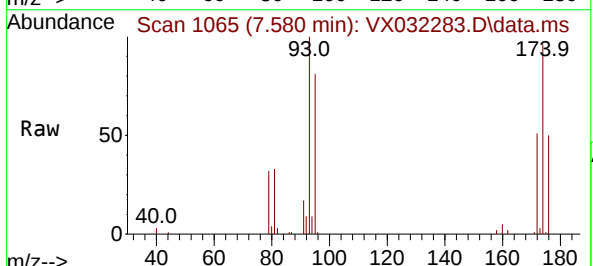
Tgt Ion: 93 Resp: 20327

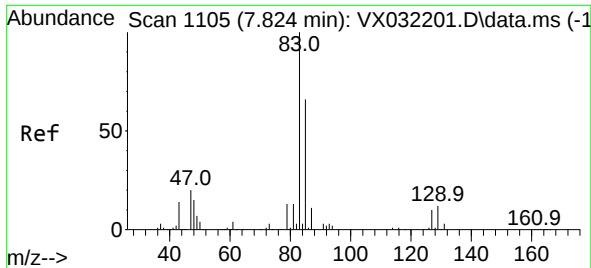
Ion Ratio Lower Upper

93 100

95 81.1 66.1 99.1

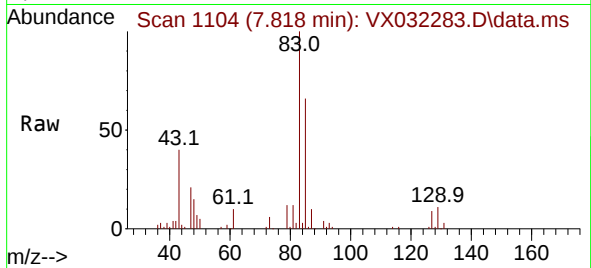
174 99.2 80.7 121.1





#47
Bromodichloromethane
Concen: 20.592 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

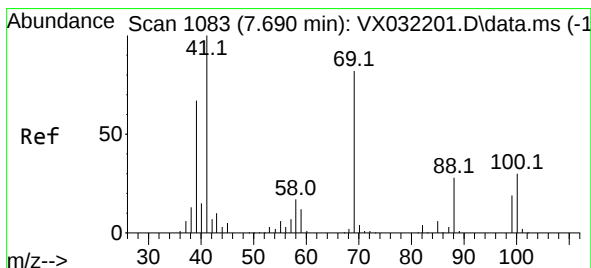
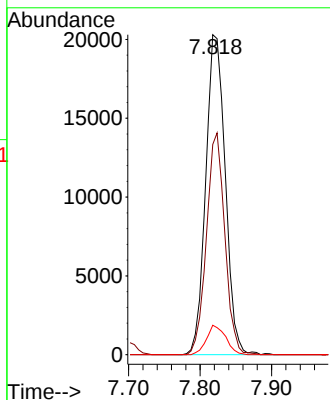
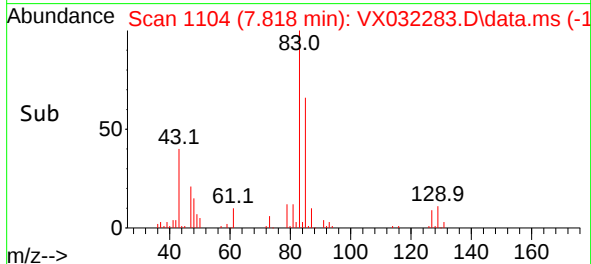
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



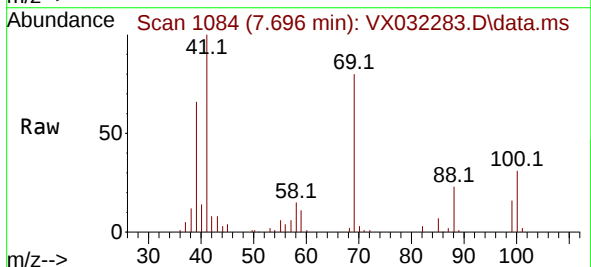
Tgt Ion: 83 Resp: 38574
Ion Ratio Lower Upper
83 100
85 65.7 53.0 79.6
127 9.2 7.8 11.8

Manual Integrations
APPROVED

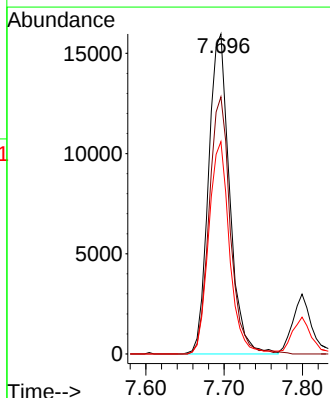
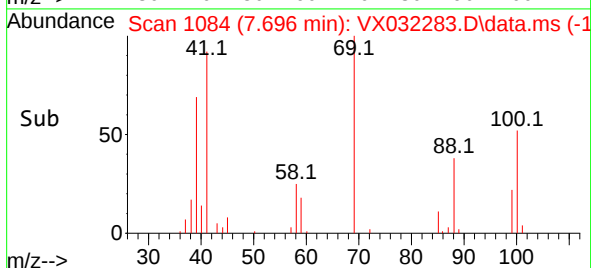
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

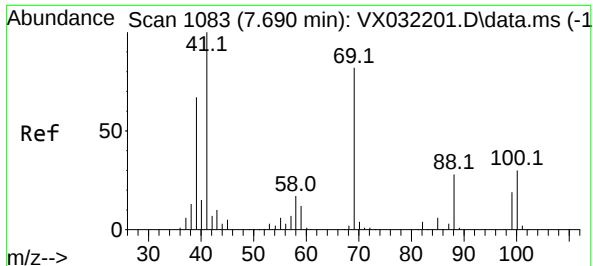


#48
Methyl methacrylate
Concen: 20.927 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



Tgt Ion: 41 Resp: 29824
Ion Ratio Lower Upper
41 100
69 80.8 67.3 100.9
39 65.7 53.8 80.8





#49

1,4-Dioxane

Concen: 370.184 ug/l

RT: 7.696 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 88 Resp: 1058

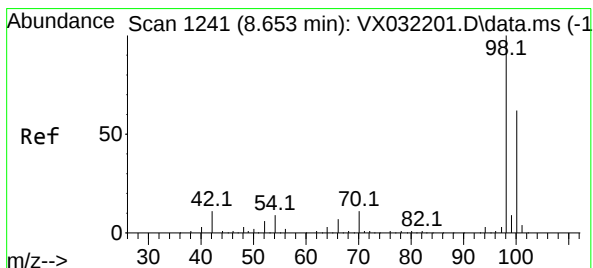
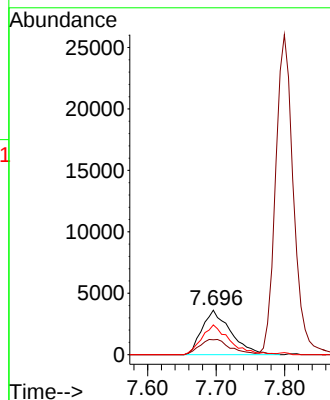
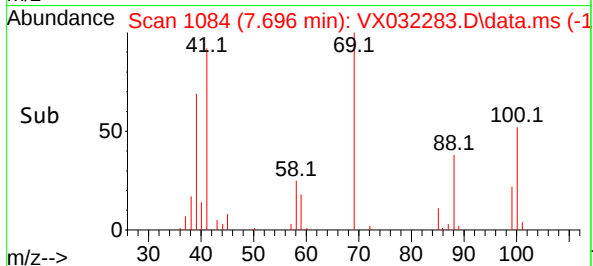
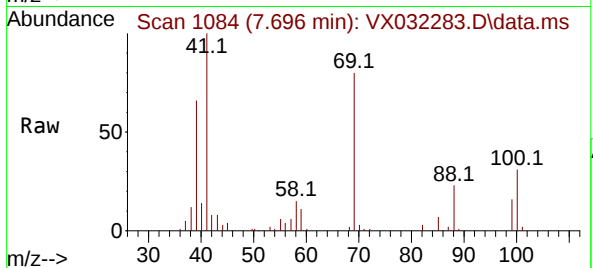
Ion	Ratio	Lower	Upper
88	100		
43	36.3	26.9	40.3
58	64.8	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#50

Toluene-d8

Concen: 48.369 ug/l

RT: 8.647 min Scan# 1240

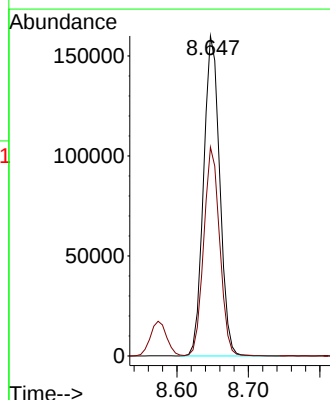
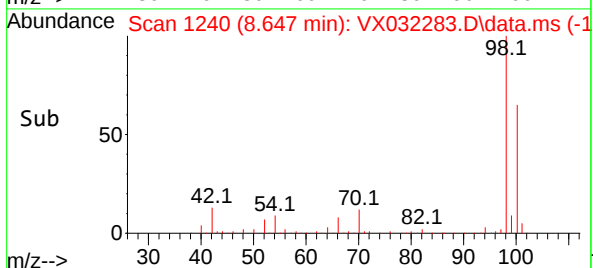
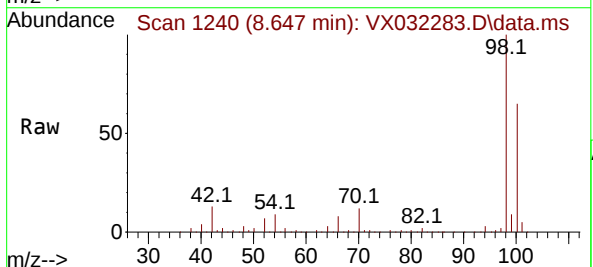
Delta R.T. -0.006 min

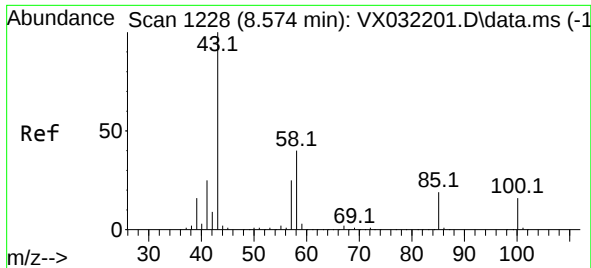
Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion: 98 Resp: 251704

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.7	76.1





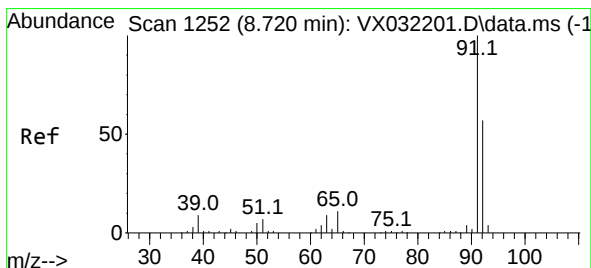
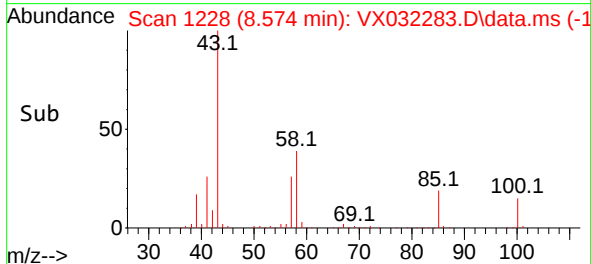
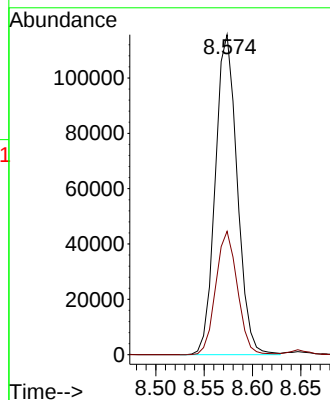
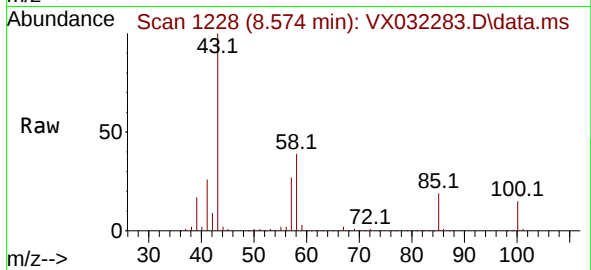
#51
4-Methyl-2-Pentanone
Concen: 101.640 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 18207
Ion Ratio Lower Upper
43 100
58 38.0 31.0 46.4

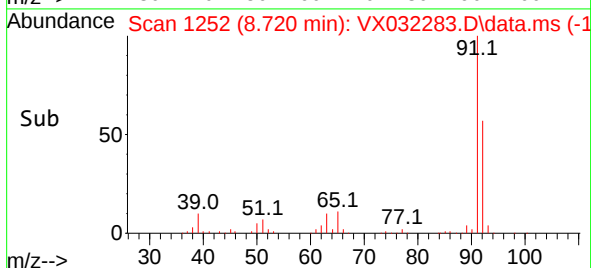
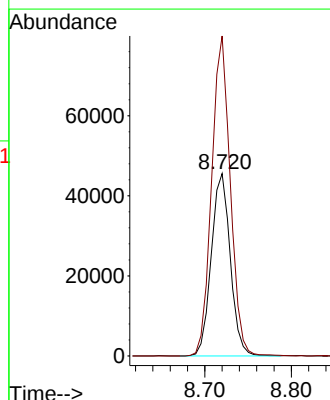
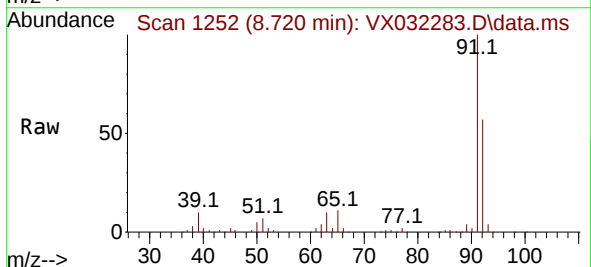
Manual Integrations
APPROVED

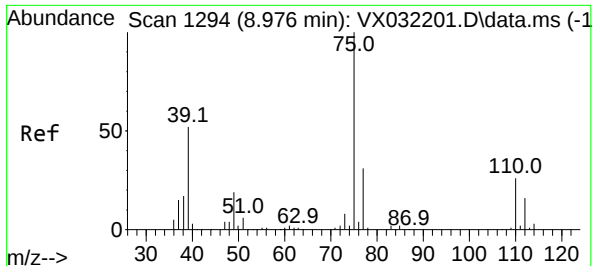
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#52
Toluene
Concen: 19.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion: 92 Resp: 69292
Ion Ratio Lower Upper
92 100
91 172.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.664 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 75 Resp: 3909

Ion Ratio Lower Upper

75 100

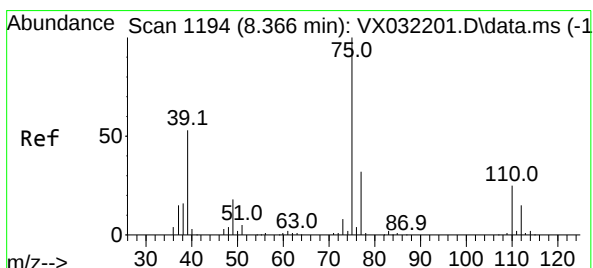
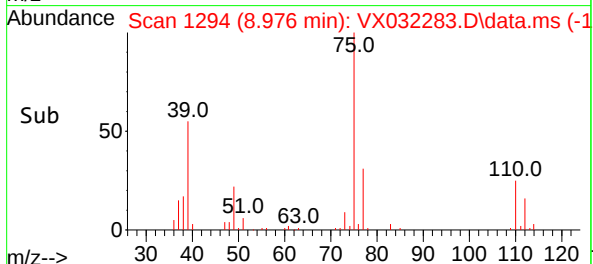
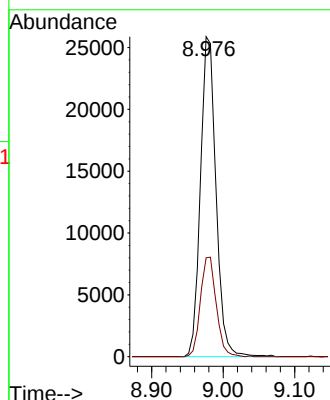
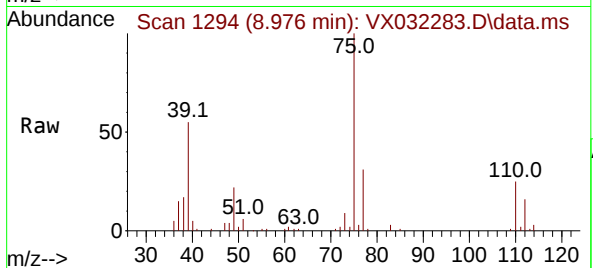
77 30.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#54

cis-1,3-Dichloropropene

Concen: 20.504 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

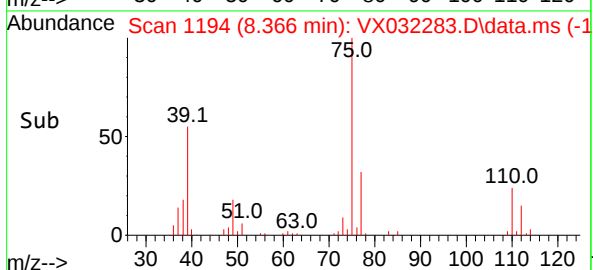
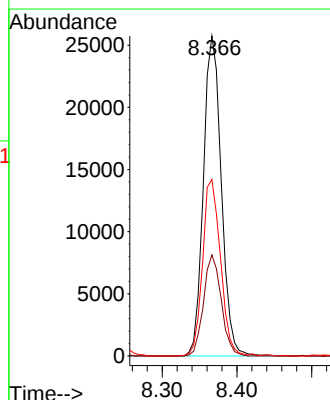
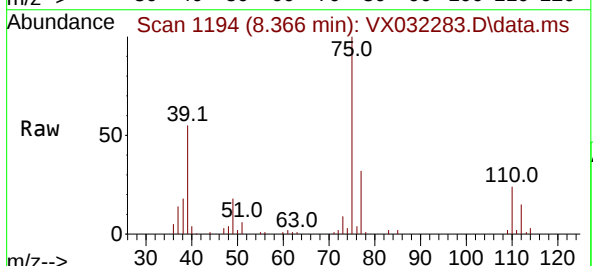
Tgt Ion: 75 Resp: 42798

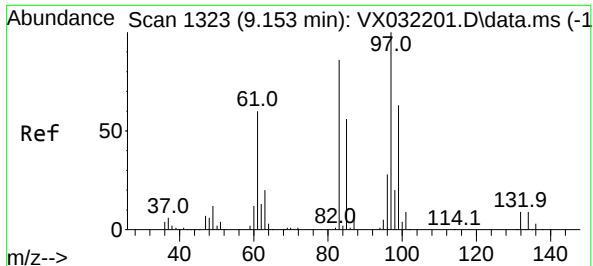
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 55.2 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.735 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

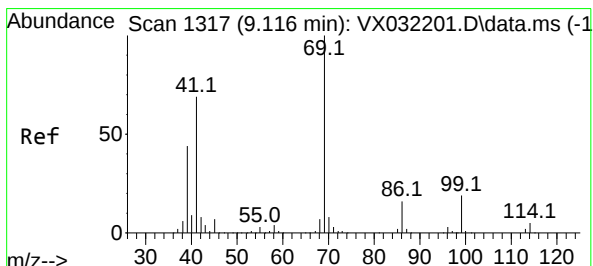
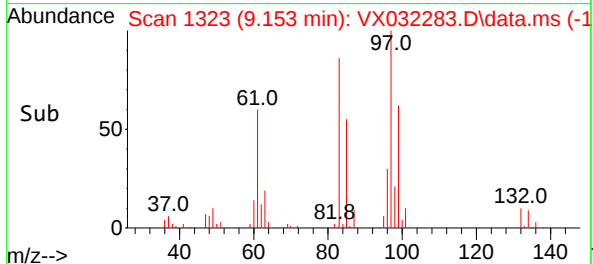
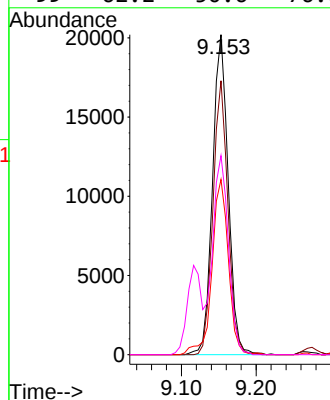
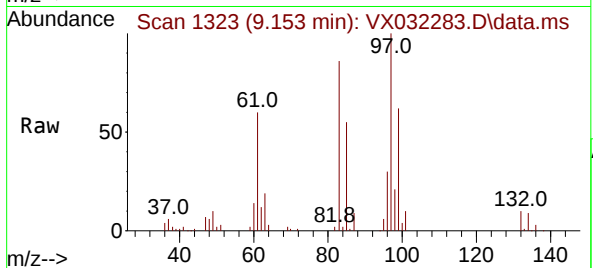
Tgt Ion: 97	Resp: 2940
Ion Ratio	Lower Upper
97 100	
83 85.6	68.8 103.2
85 54.8	44.7 67.1
99 62.2	50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#56

Ethyl methacrylate

Concen: 20.240 ug/l

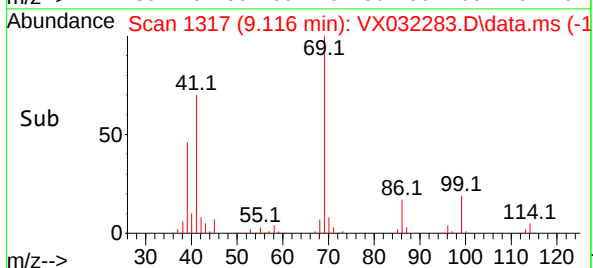
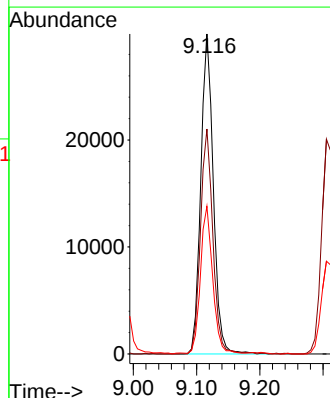
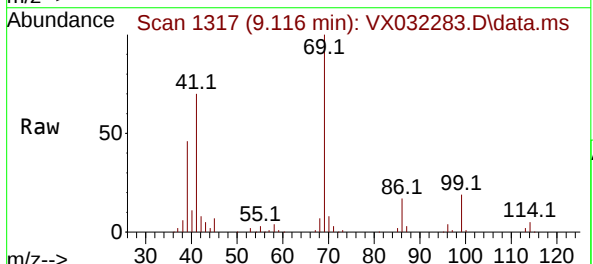
RT: 9.116 min Scan# 1317

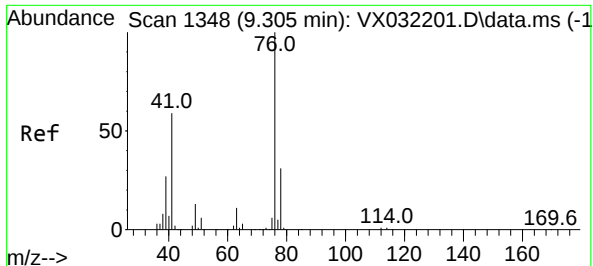
Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion: 69	Resp: 41344
Ion Ratio	Lower Upper
69 100	
41 69.8	54.5 81.7
39 45.5	35.7 53.5





#57

1,3-Dichloropropane

Concen: 20.380 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 76 Resp: 46820

Ion Ratio Lower Upper

76 100

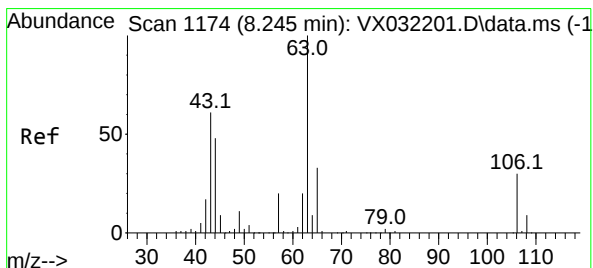
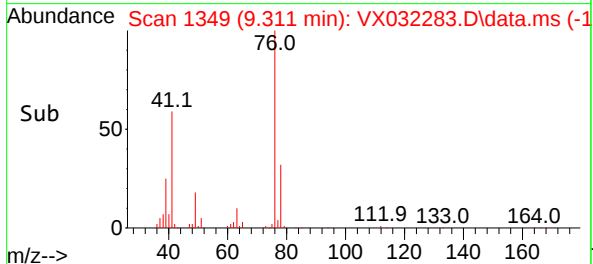
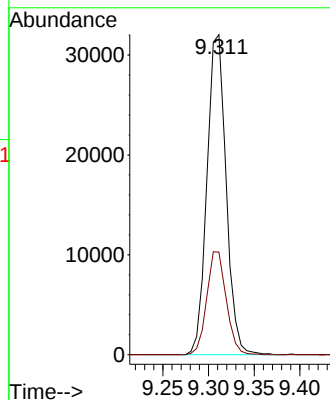
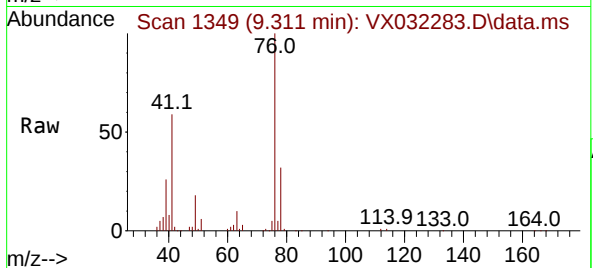
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 97.487 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX032283.D

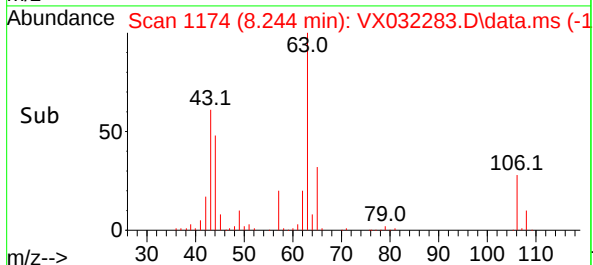
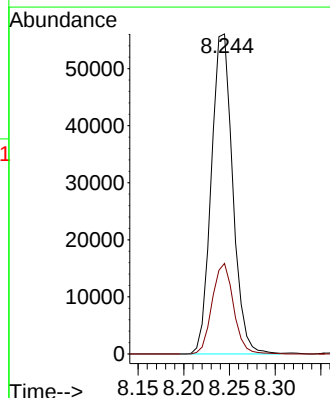
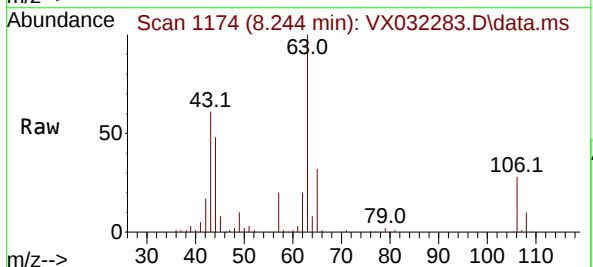
Acq: 21 Oct 2022 13:03

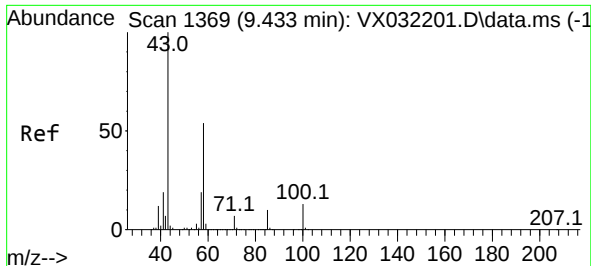
Tgt Ion: 63 Resp: 91275

Ion Ratio Lower Upper

63 100

106 28.2 23.6 35.4





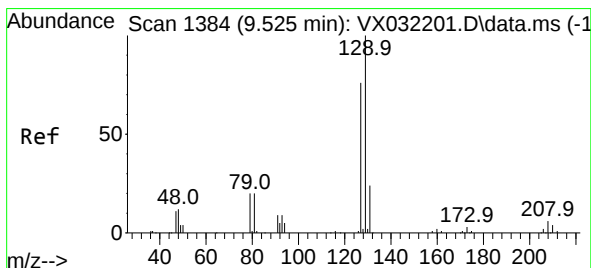
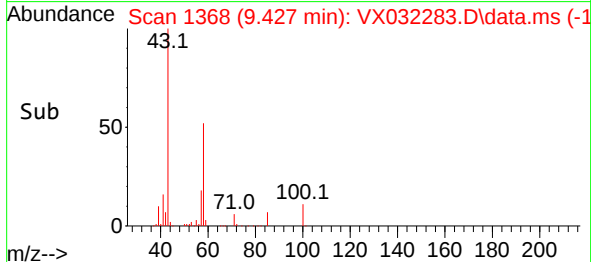
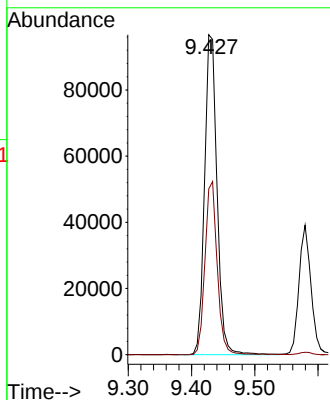
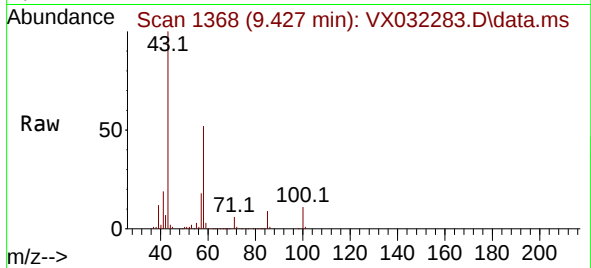
#59
2-Hexanone
Concen: 99.559 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 13307
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1

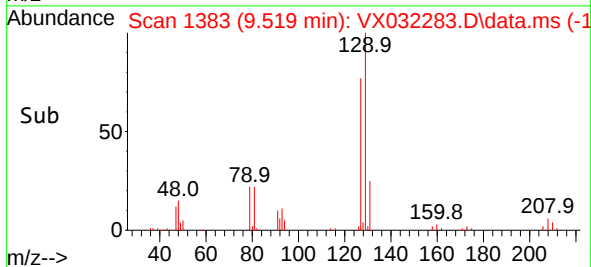
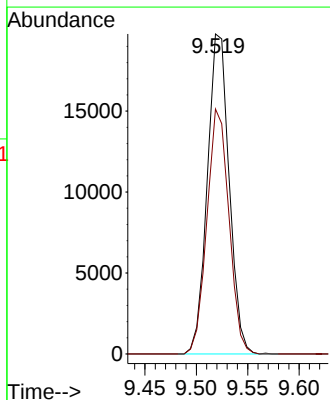
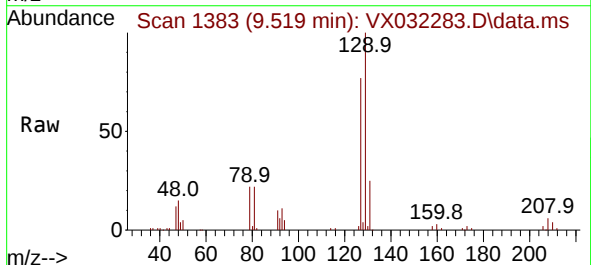
Manual Integrations
APPROVED

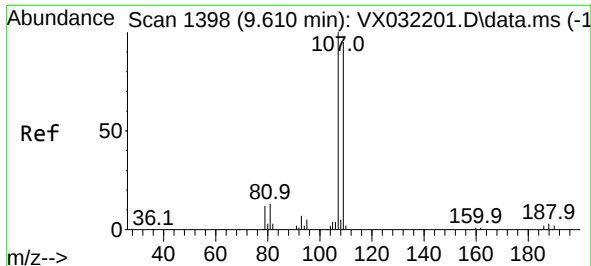
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
Dibromochloromethane
Concen: 20.117 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion:129 Resp: 29243
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





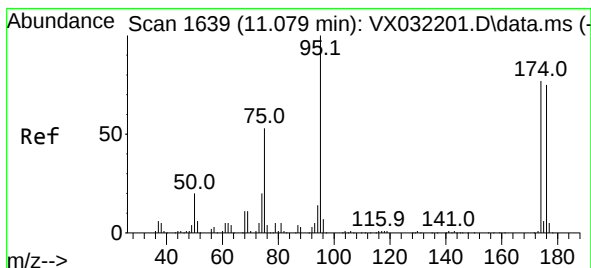
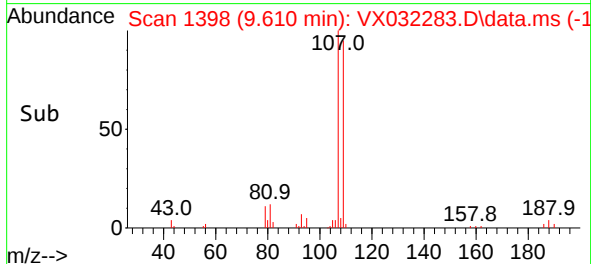
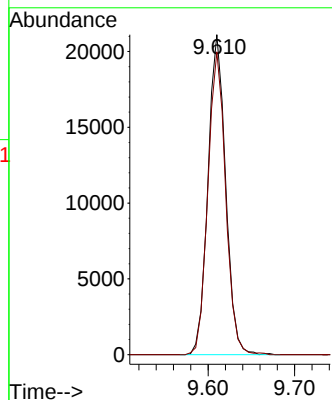
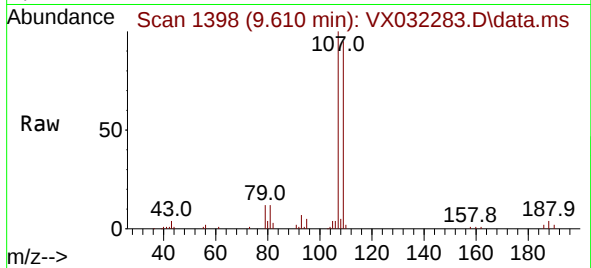
#61
1,2-Dibromoethane
Concen: 19.883 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:107 Resp: 2989
Ion Ratio Lower Upper
107 100
109 95.2 76.5 114.7

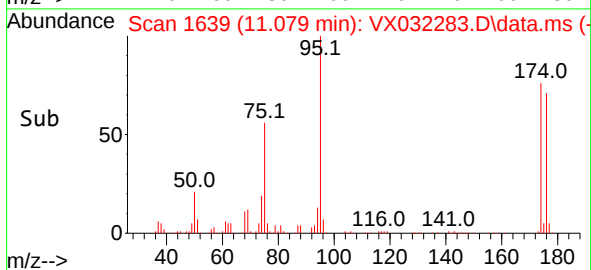
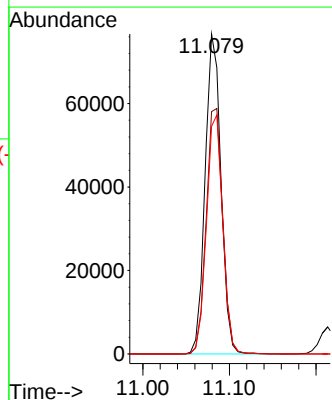
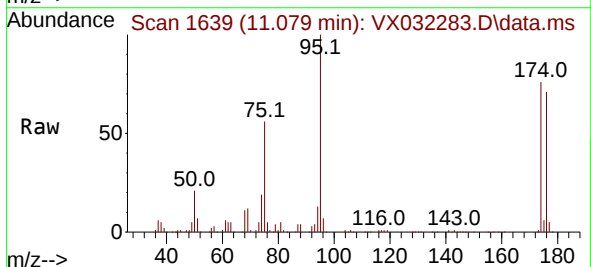
Manual Integrations
APPROVED

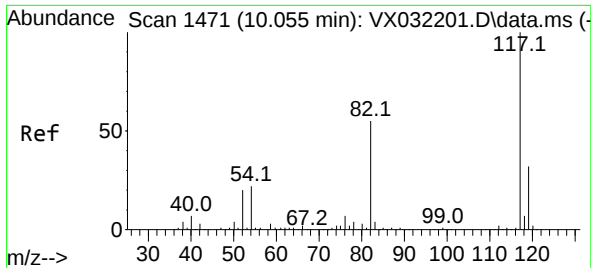
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#62
4-Bromofluorobenzene
Concen: 50.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

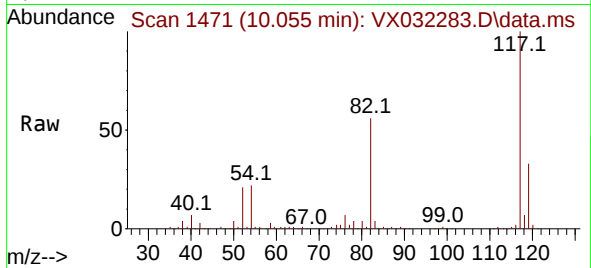
Tgt Ion: 95 Resp: 97052
Ion Ratio Lower Upper
95 100
174 80.5 0.0 166.8
176 76.9 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

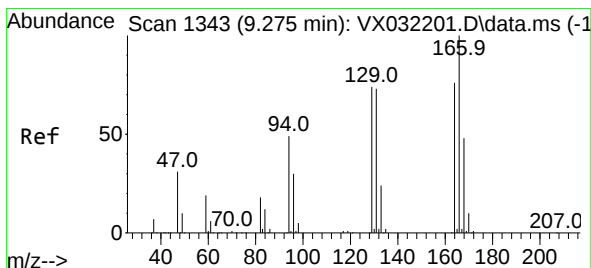
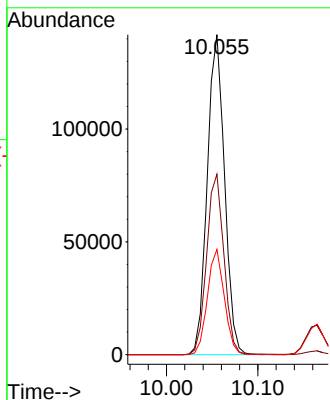
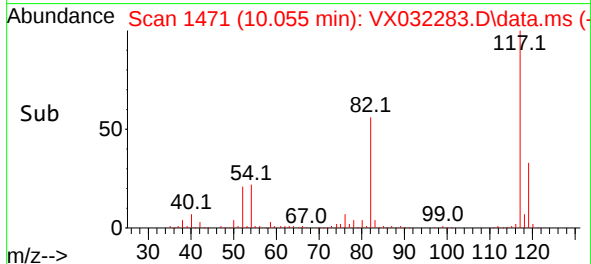
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:117 Resp: 18623
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.4
119 32.9 25.8 38.8

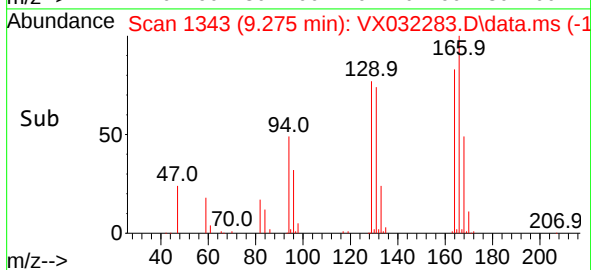
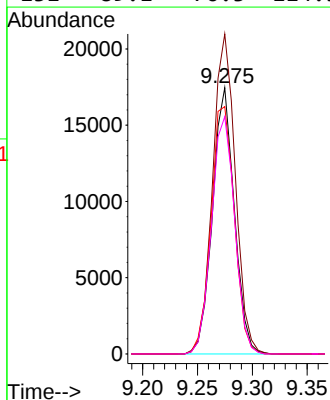
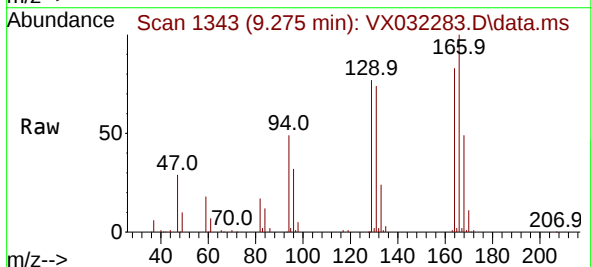
Manual Integrations
APPROVED

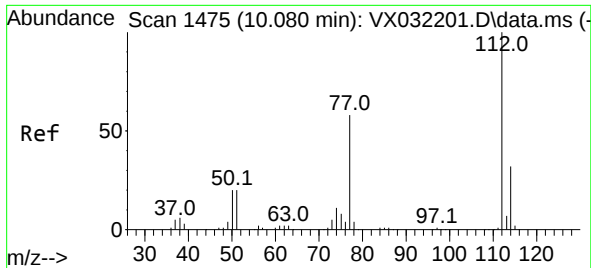
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#64
Tetrachloroethene
Concen: 19.671 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion:164 Resp: 24190
Ion Ratio Lower Upper
164 100
166 120.2 104.9 157.3
129 92.9 77.8 116.6
131 89.1 76.3 114.5





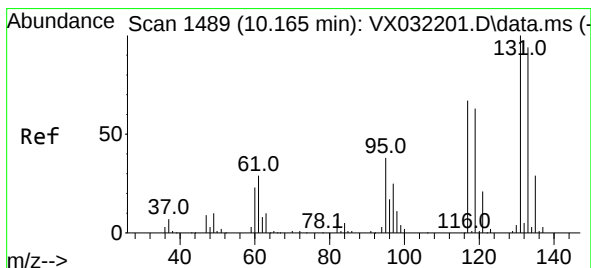
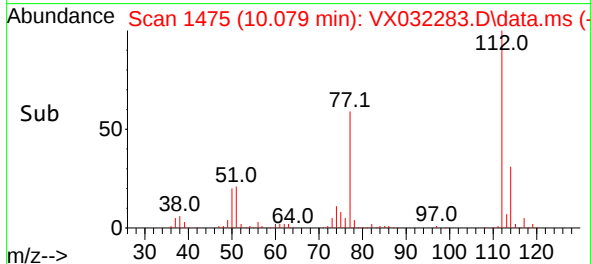
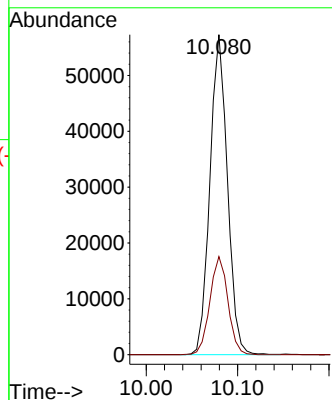
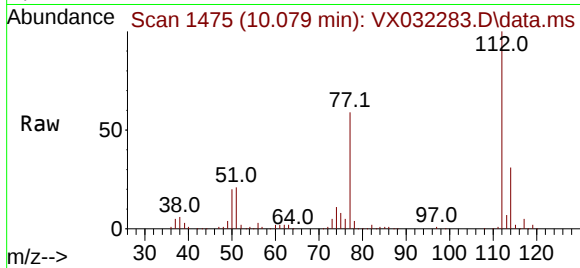
#65
Chlorobenzene
Concen: 19.904 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:112 Resp: 7598
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

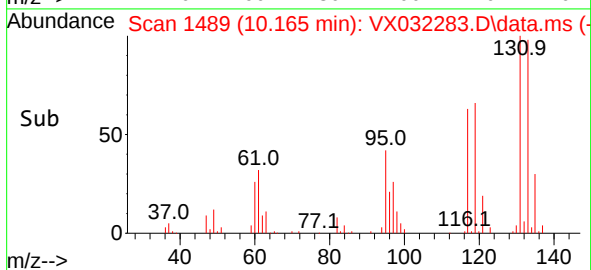
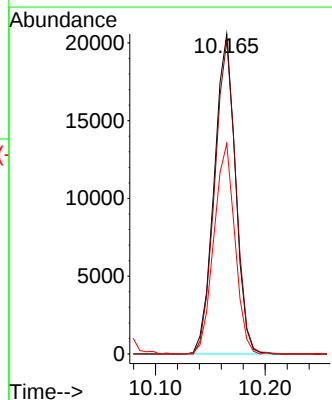
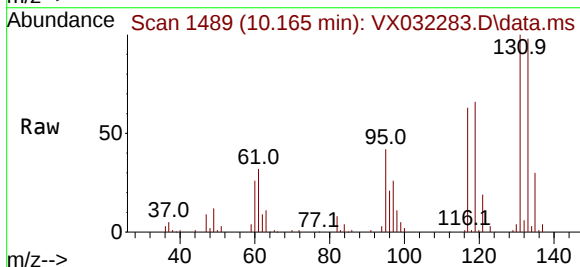
Manual Integrations
APPROVED

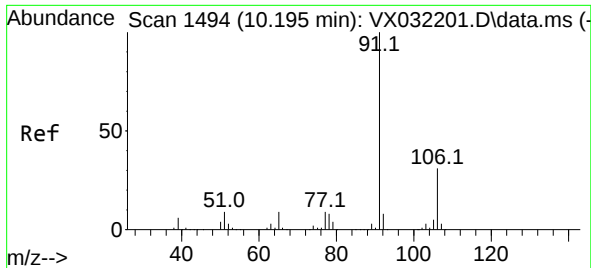
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.250 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

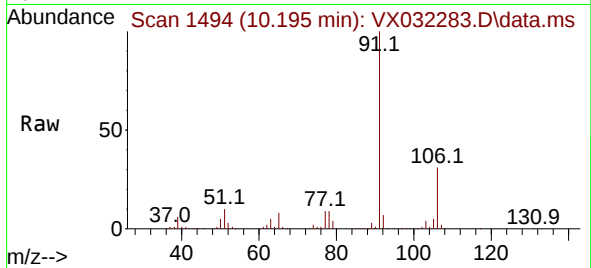
Tgt Ion:131 Resp: 27666
Ion Ratio Lower Upper
131 100
133 97.3 47.6 142.8
119 65.1 31.7 95.1





#67
Ethyl Benzene
Concen: 20.294 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

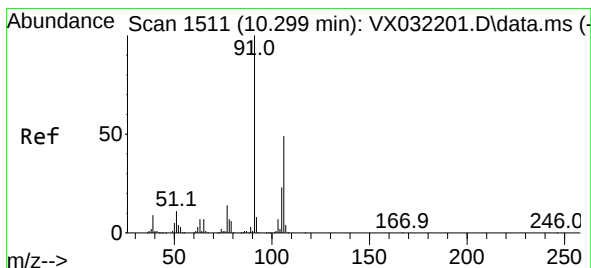
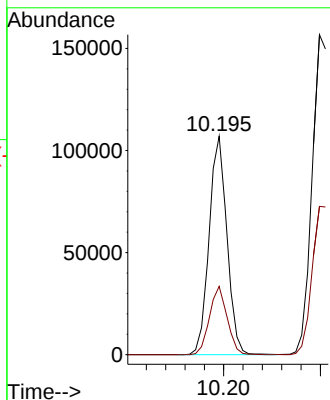
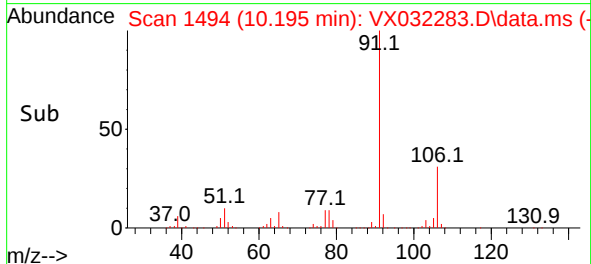
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



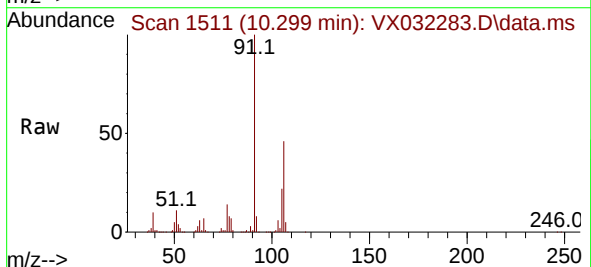
Tgt Ion: 91 Resp: 13719
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

Manual Integrations
APPROVED

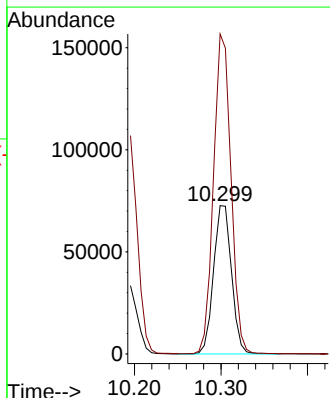
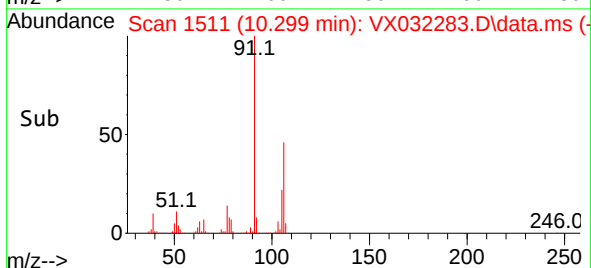
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

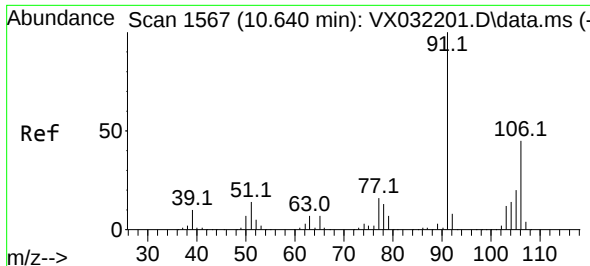


#68
m/p-Xylenes
Concen: 39.133 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



Tgt Ion:106 Resp: 104471
Ion Ratio Lower Upper
106 100
91 210.9 162.6 244.0





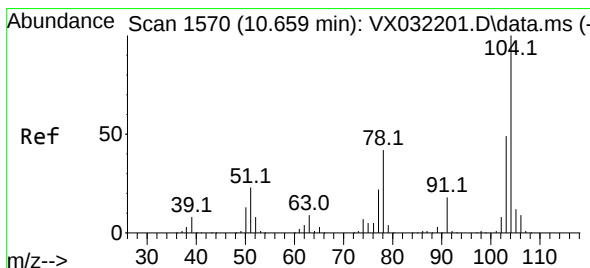
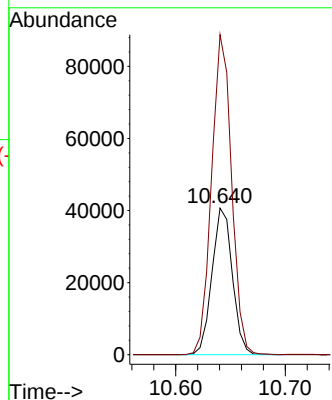
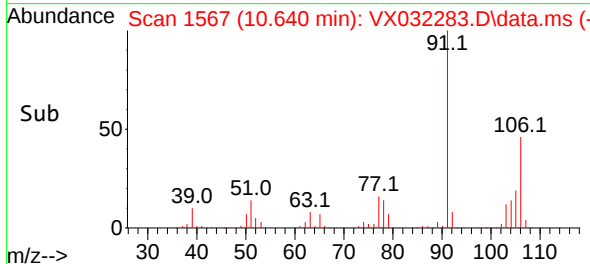
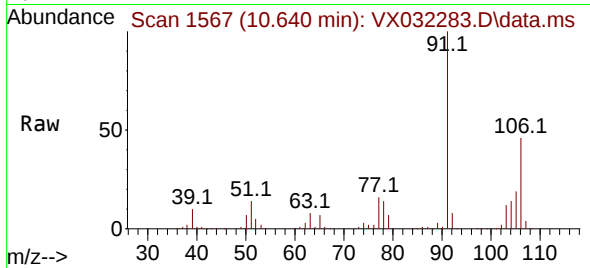
#69
o-Xylene
Concen: 20.509 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:106 Resp: 5245
Ion Ratio Lower Upper
106 100
91 215.0 108.3 324.9

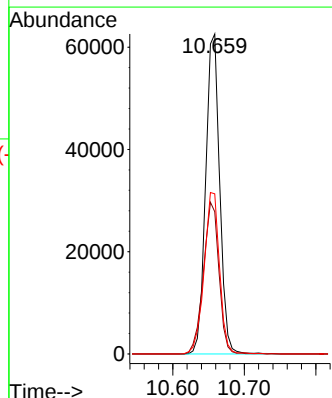
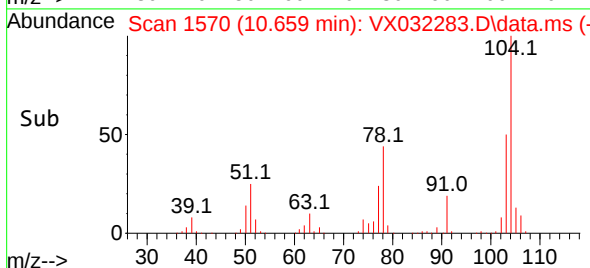
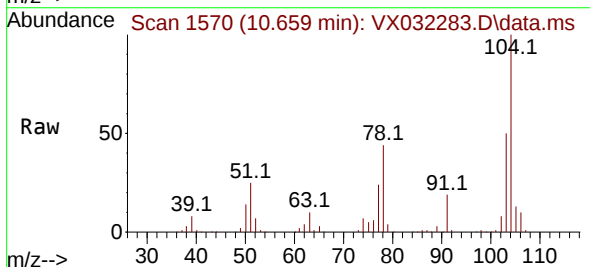
Manual Integrations
APPROVED

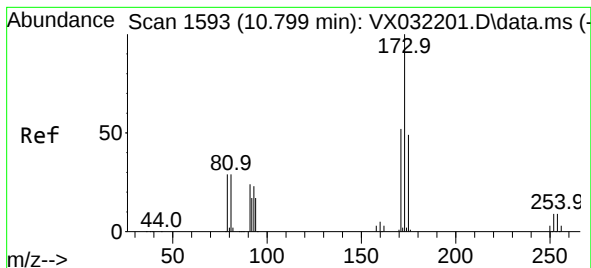
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#70
Styrene
Concen: 19.774 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

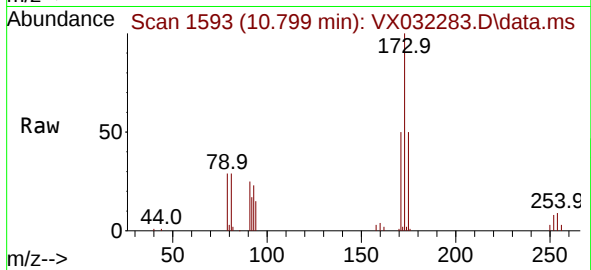
Tgt Ion:104 Resp: 85281
Ion Ratio Lower Upper
104 100
78 52.5 40.8 61.2
103 55.5 44.2 66.2





#71
Bromoform
Concen: 18.807 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

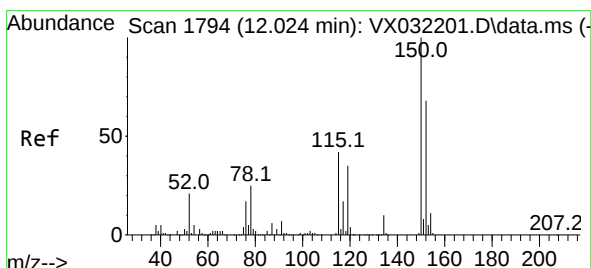
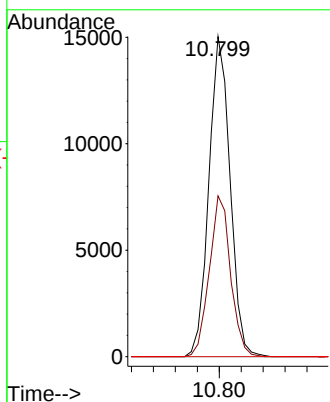
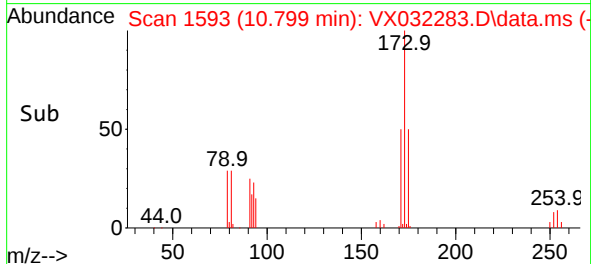
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



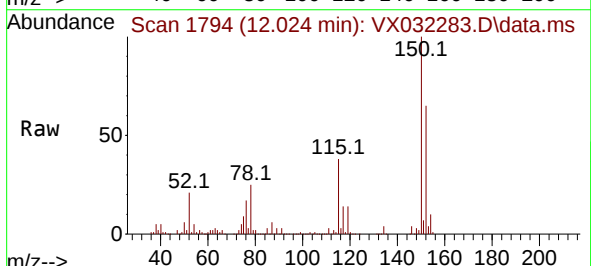
Tgt Ion:173 Resp: 2018
Ion Ratio Lower Upper
173 100
175 50.4 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

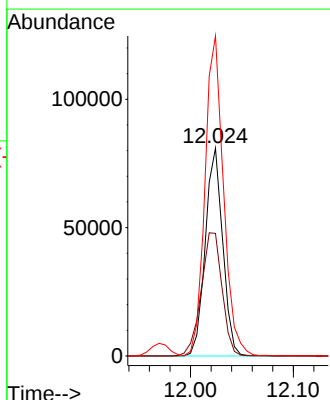
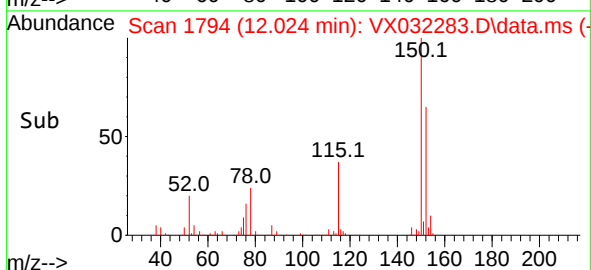
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

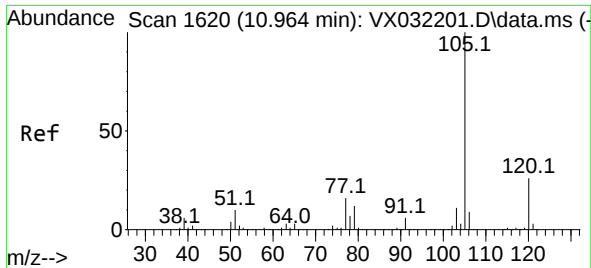


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



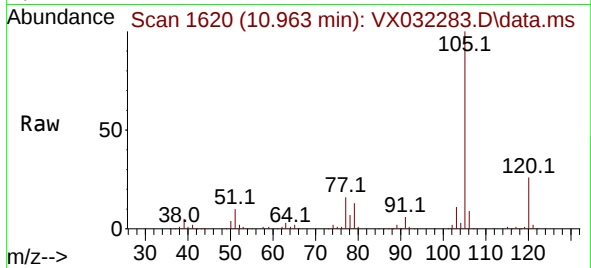
Tgt Ion:152 Resp: 95414
Ion Ratio Lower Upper
152 100
115 71.1 43.1 129.4
150 163.3 0.0 348.6





#73
Isopropylbenzene
Concen: 20.472 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

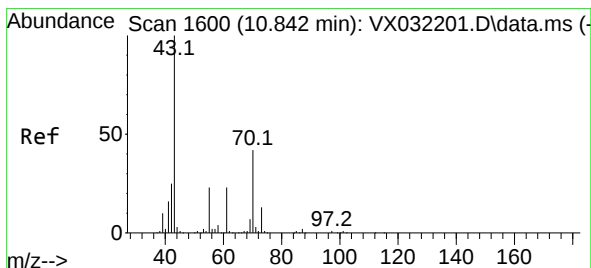
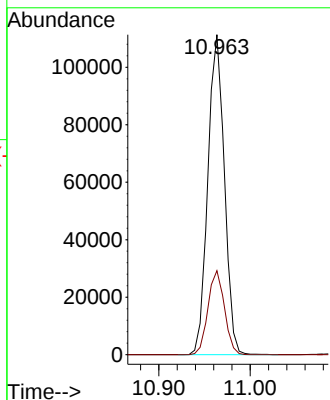
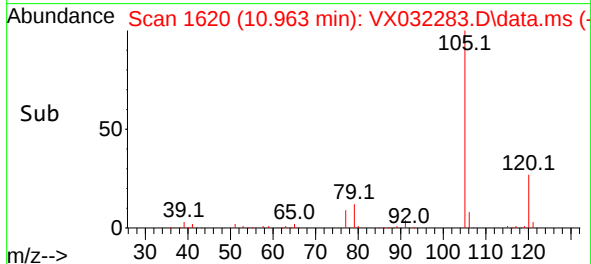
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



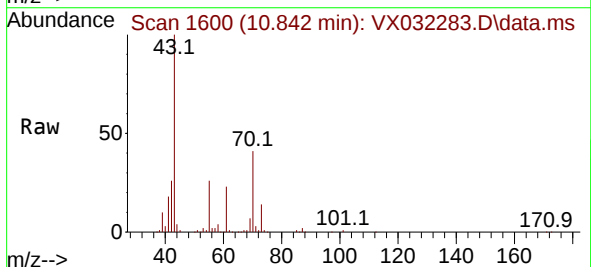
Tgt Ion:105 Resp: 139380
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
APPROVED

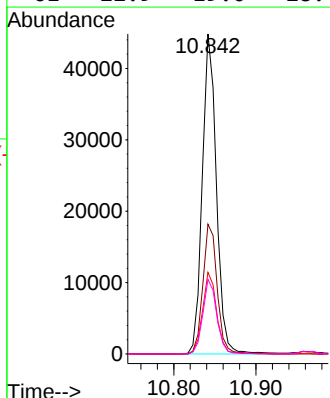
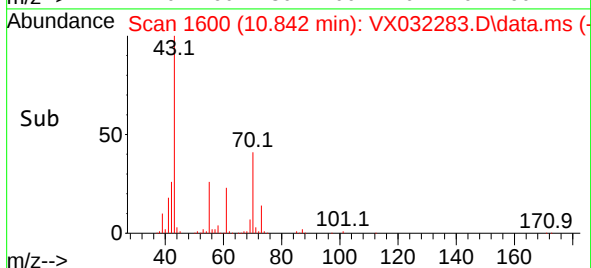
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

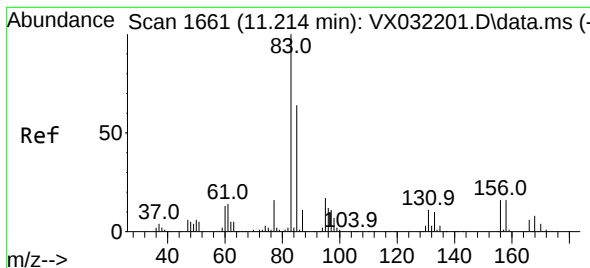


#74
N-ethyl acetate
Concen: 21.285 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



Tgt Ion: 43 Resp: 53536
Ion Ratio Lower Upper
43 100
70 40.9 33.9 50.9
55 25.6 19.1 28.7
61 22.9 19.0 28.4





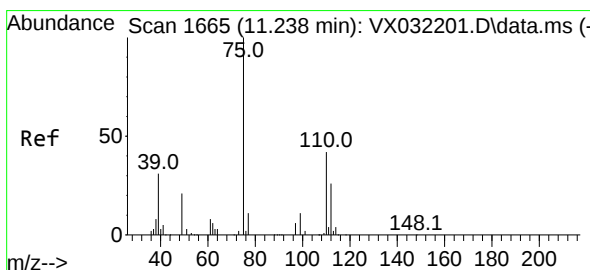
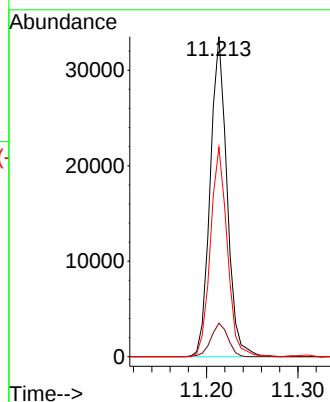
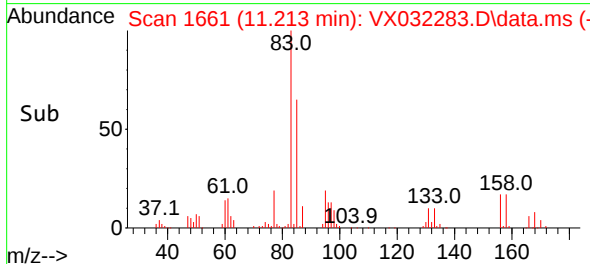
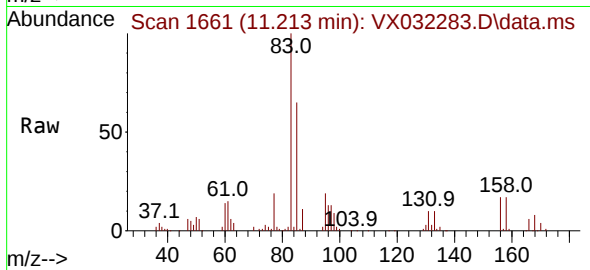
#75
1,1,2,2-Tetrachloroethane
Concen: 19.532 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 42752
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 65.6 32.3 96.9

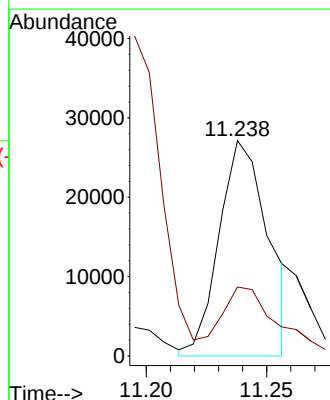
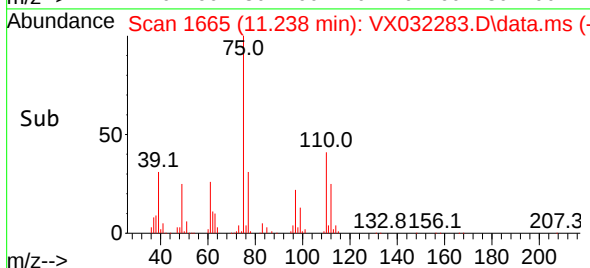
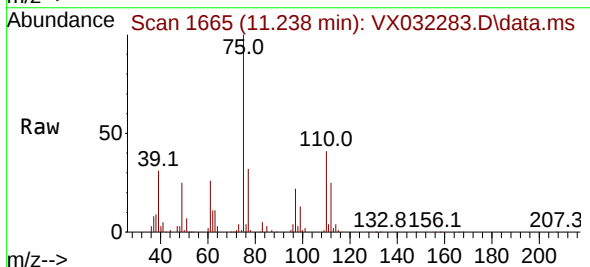
Manual Integrations
APPROVED

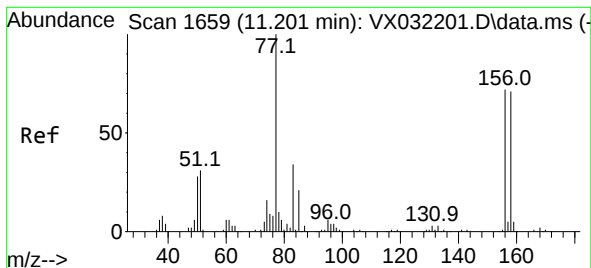
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#76
1,2,3-Trichloropropane
Concen: 20.306 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion: 75 Resp: 38389
Ion Ratio Lower Upper
75 100
77 38.0 16.0 47.9





#77

Bromobenzene

Concen: 19.887 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

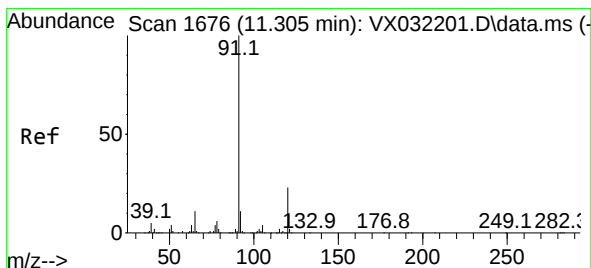
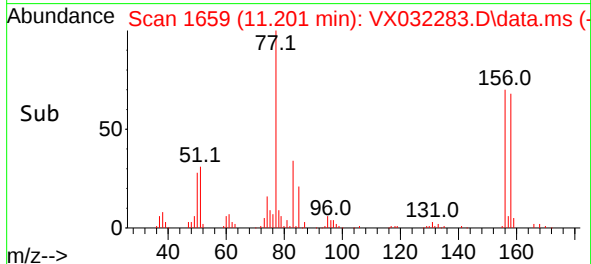
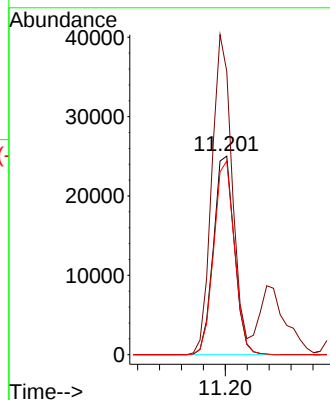
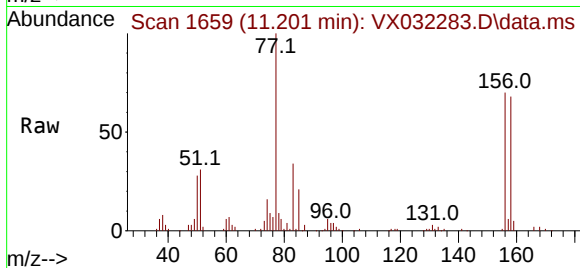
Tgt Ion:	156	Resp:	3318
Ion Ratio	Lower	Upper	
156	100		
77	156.2	75.5	226.5
158	97.0	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#78

n-propylbenzene

Concen: 20.586 ug/l

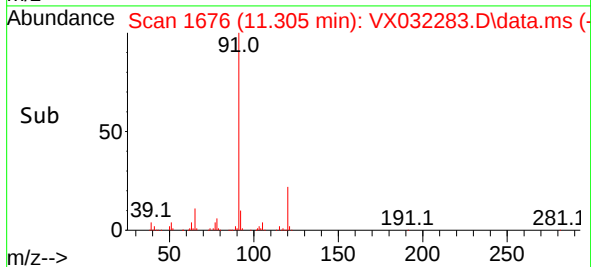
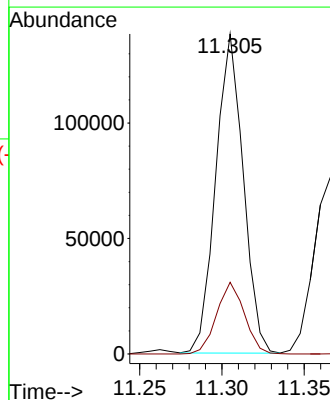
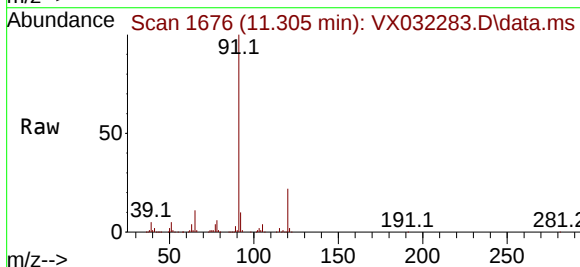
RT: 11.305 min Scan# 1676

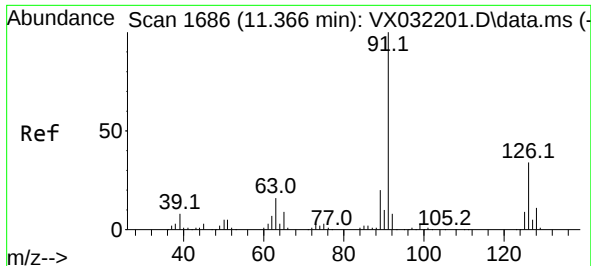
Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion:	91	Resp:	160481
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.6	34.8





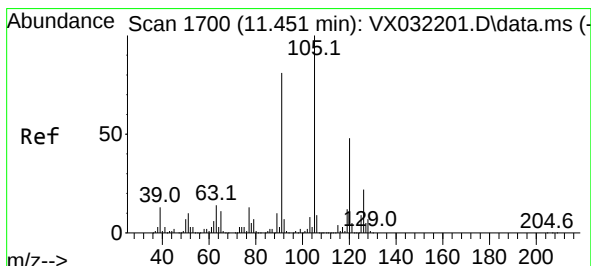
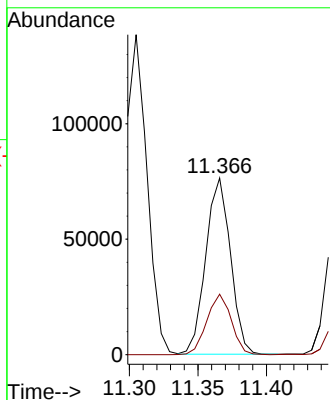
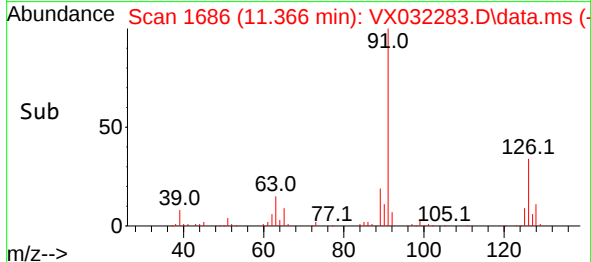
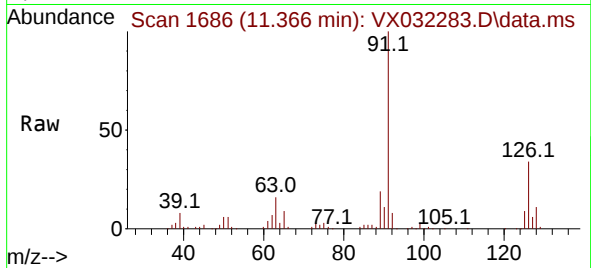
#79
2-Chlorotoluene
Concen: 20.405 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 91 Resp: 95870
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

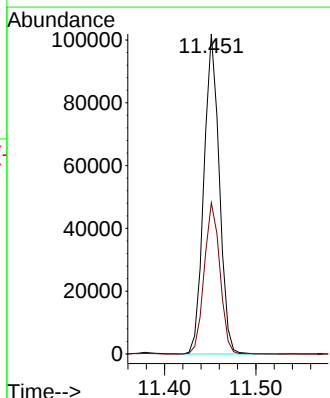
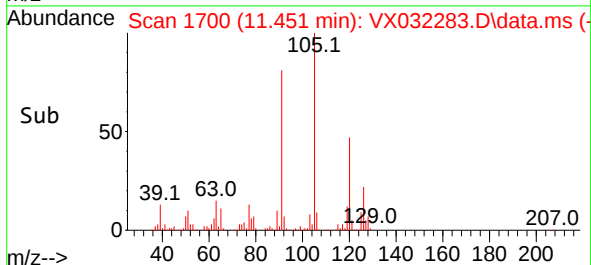
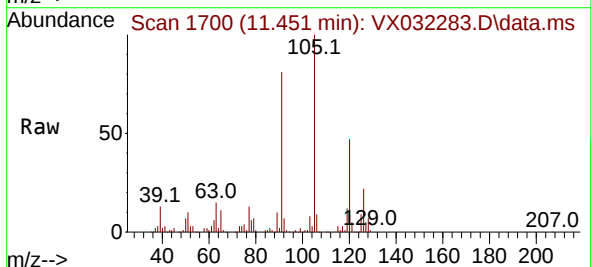
Manual Integrations
APPROVED

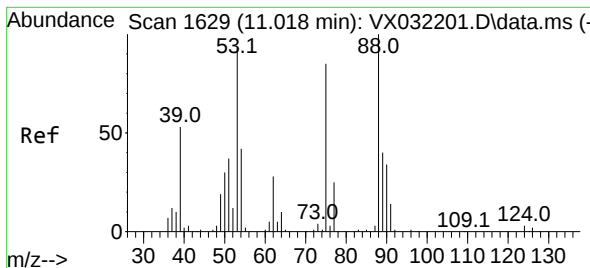
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.216 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

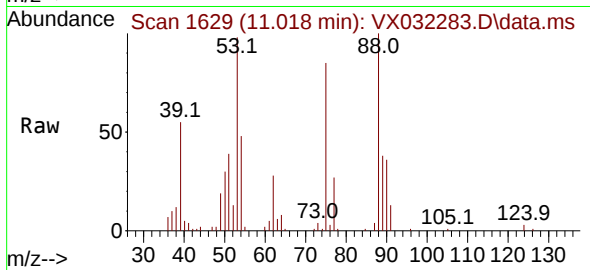
Tgt Ion:105 Resp: 118886
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.006 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

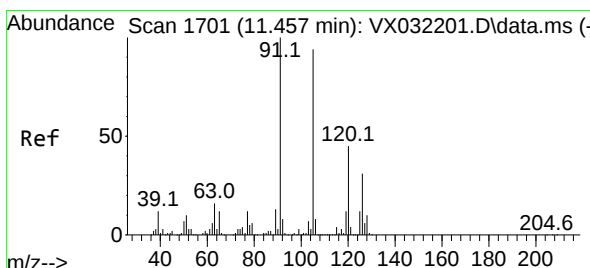
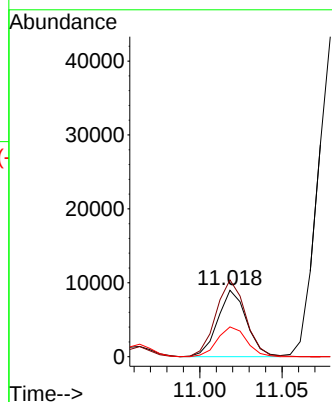
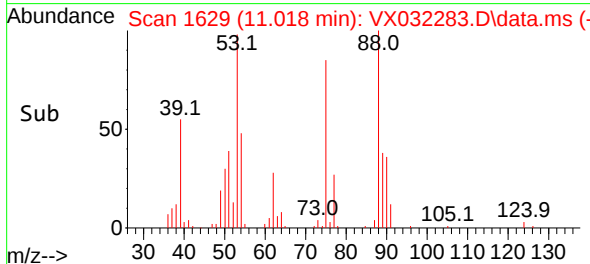
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 75 Resp: 10970
Ion Ratio Lower Upper
75 100
53 118.2 87.8 131.8
89 45.0 37.8 56.8

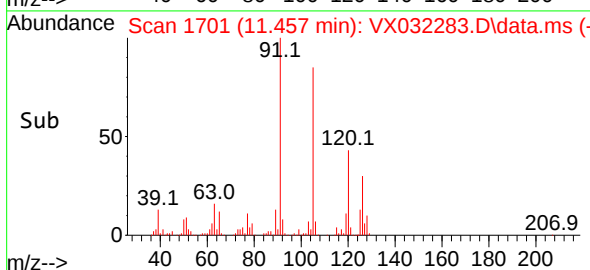
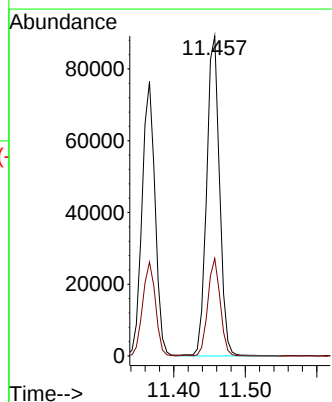
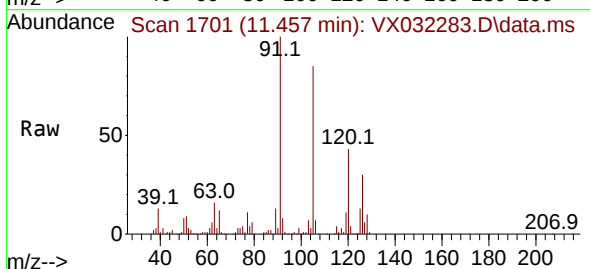
Manual Integrations
APPROVED

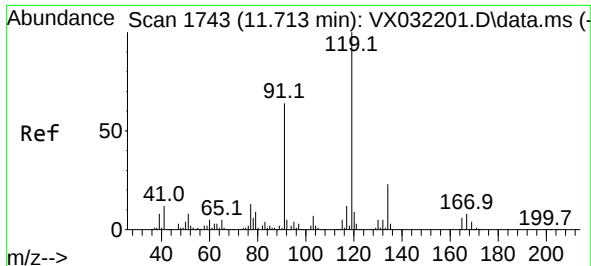
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#82
4-Chlorotoluene
Concen: 20.462 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

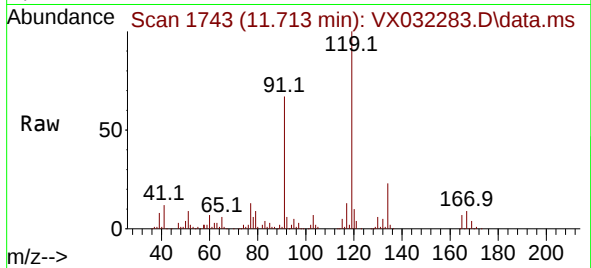
Tgt Ion: 91 Resp: 111929
Ion Ratio Lower Upper
91 100
126 29.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 20.319 ug/l
RT: 11.713 min Scan# 11955
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

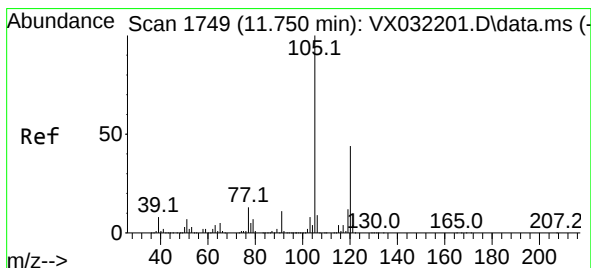
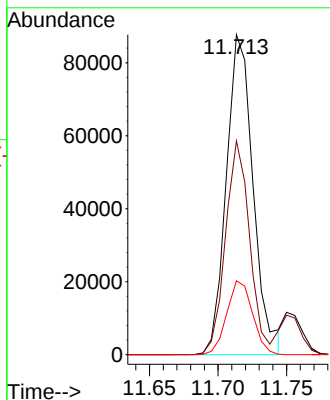
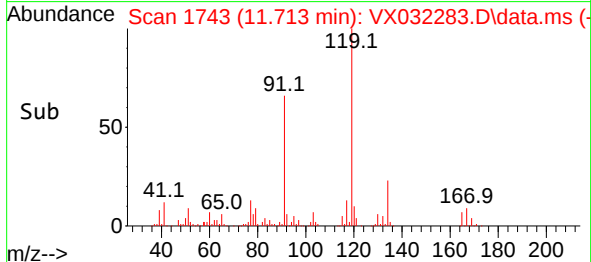
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



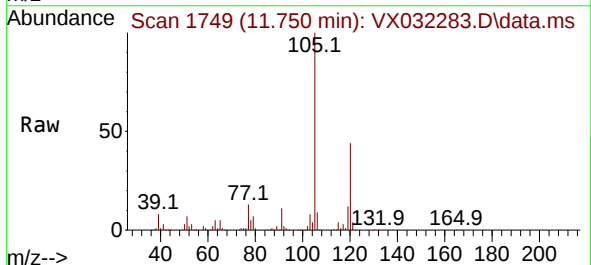
Tgt Ion:119 Resp: 11955
Ion Ratio Lower Upper
119 100
91 60.2 29.1 87.3
134 22.2 11.3 33.8

Manual Integrations
APPROVED

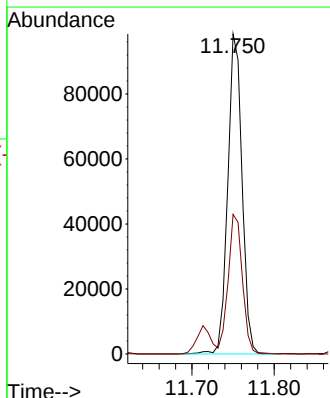
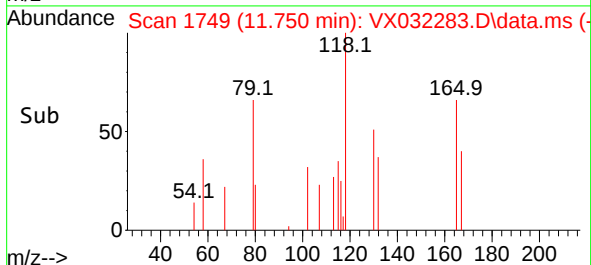
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

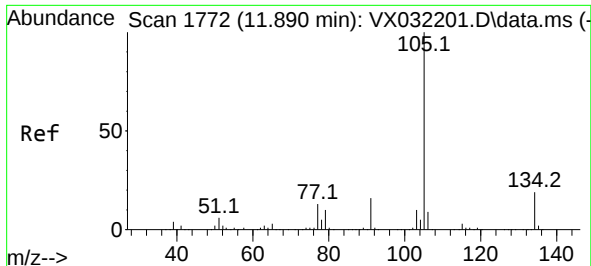


#84
1,2,4-Trimethylbenzene
Concen: 20.759 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



Tgt Ion:105 Resp: 118687
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





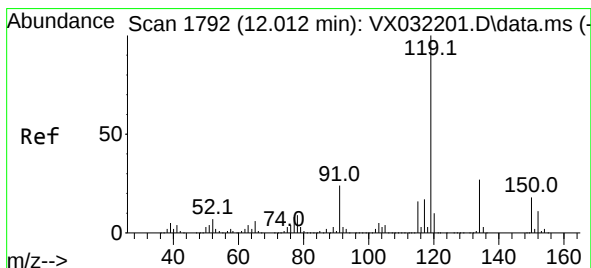
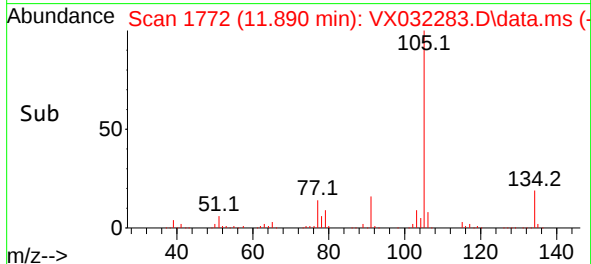
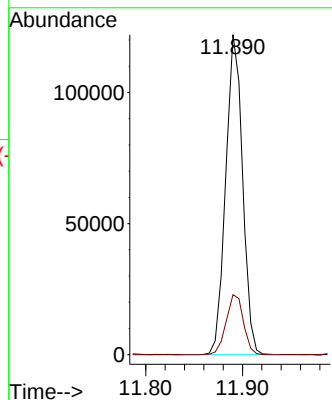
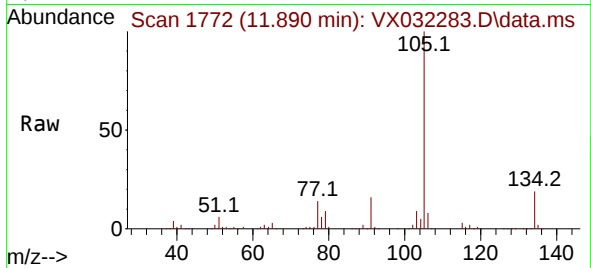
#85
 sec-Butylbenzene
 Concen: 20.733 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032283.D
 Acq: 21 Oct 2022 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Tgt Ion:105 Resp: 14742
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.3

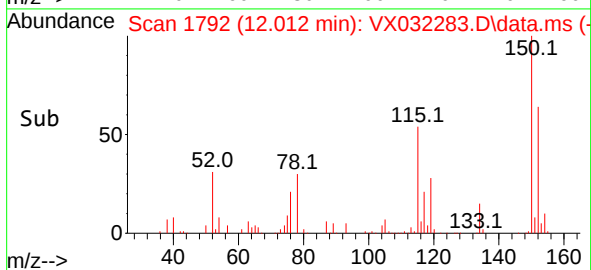
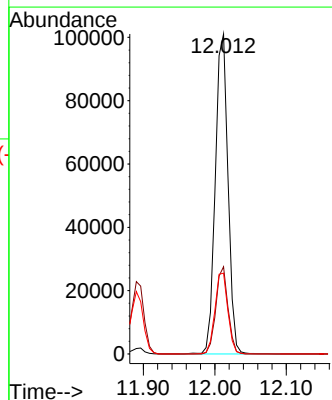
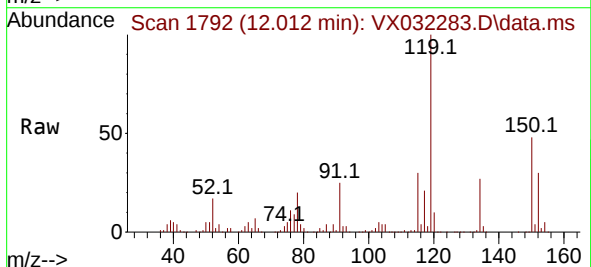
Manual Integrations
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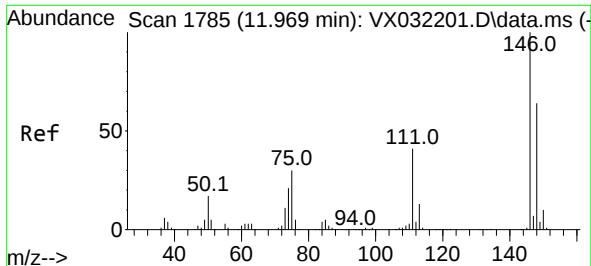
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#86
 p-Isopropyltoluene
 Concen: 20.528 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032283.D
 Acq: 21 Oct 2022 13:03

Tgt Ion:119 Resp: 124199
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 25.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.796 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

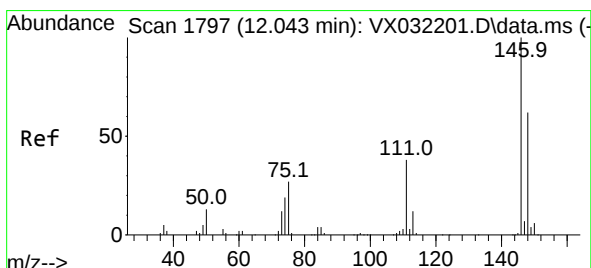
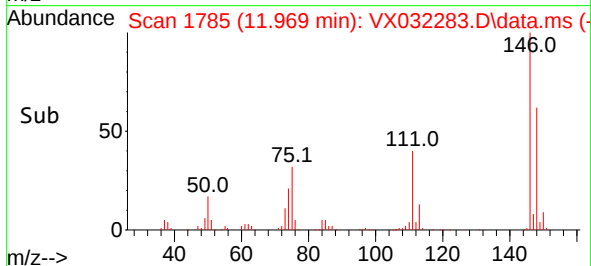
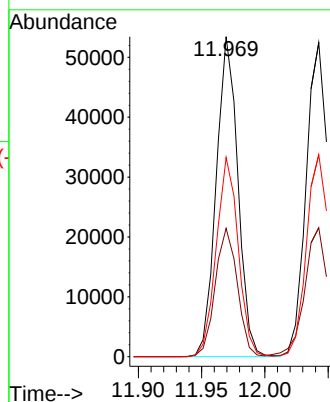
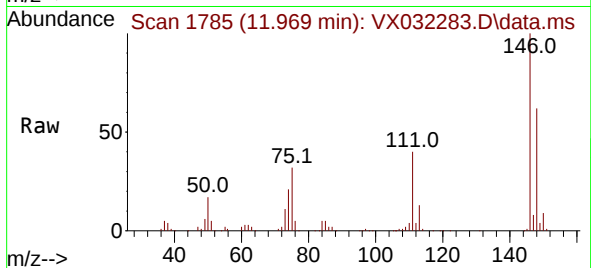
Tgt Ion:146 Resp: 63589
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 63.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

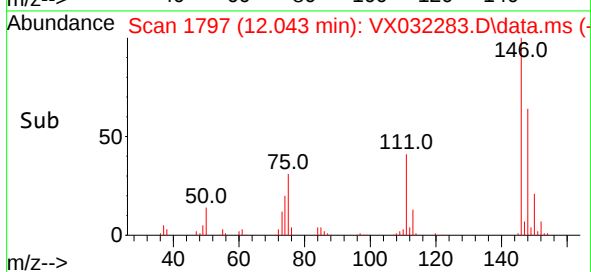
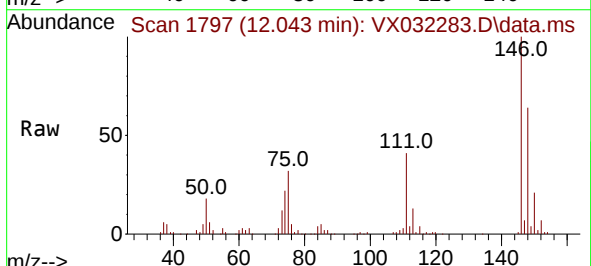
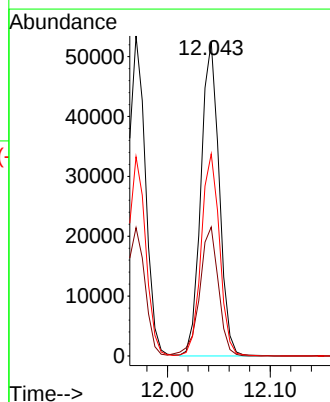
RT: 12.043 min Scan# 1797

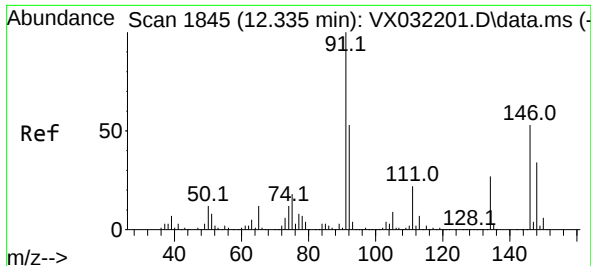
Delta R.T. -0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion:146 Resp: 64834
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.8 59.4
 148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 20.435 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 91 Resp: 10889

Ion Ratio Lower Upper

91 100

92 51.3 26.3 78.9

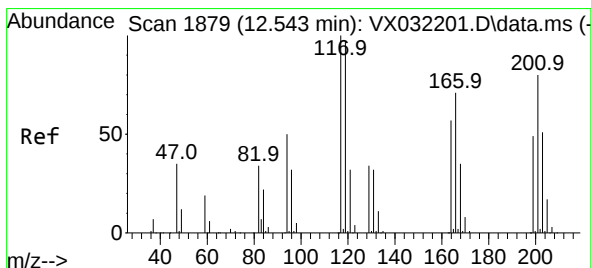
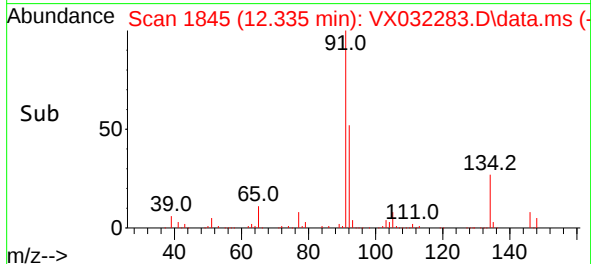
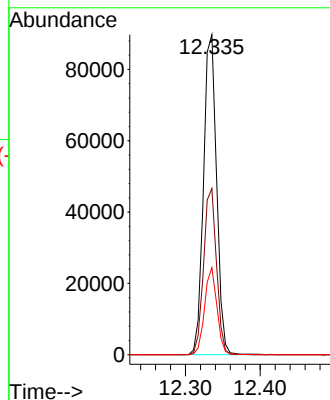
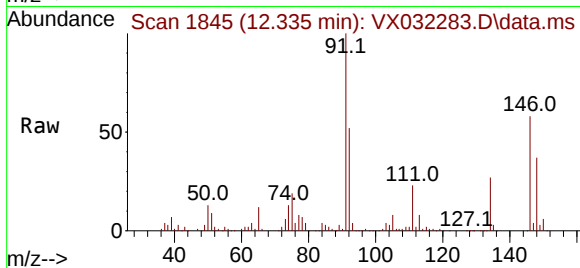
134 25.6 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#90

Hexachloroethane

Concen: 20.771 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.007 min

Lab File: VX032283.D

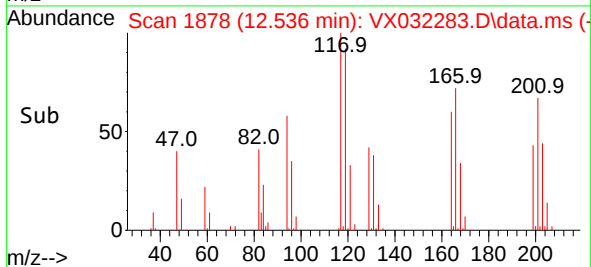
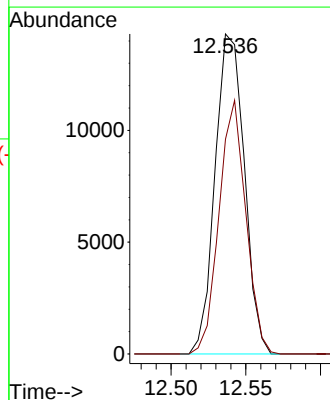
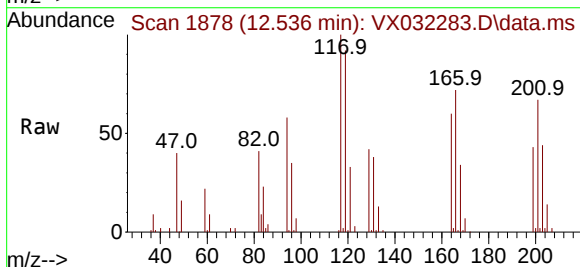
Acq: 21 Oct 2022 13:03

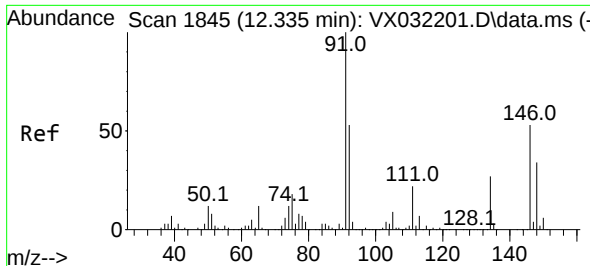
Tgt Ion:117 Resp: 19501

Ion Ratio Lower Upper

117 100

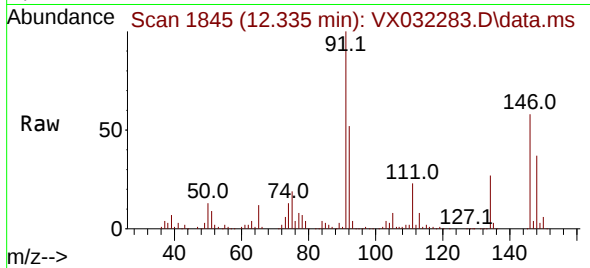
201 72.6 38.5 115.3





#91
1,2-Dichlorobenzene
Concen: 20.310 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

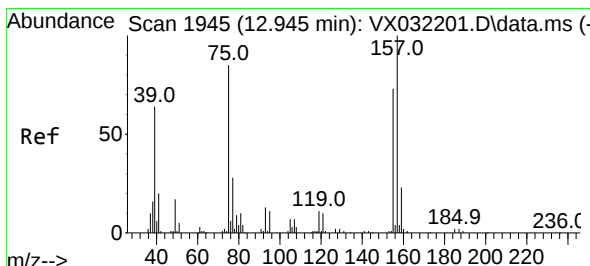
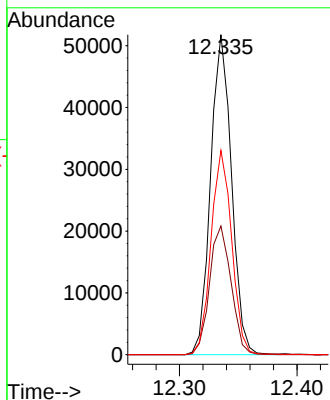
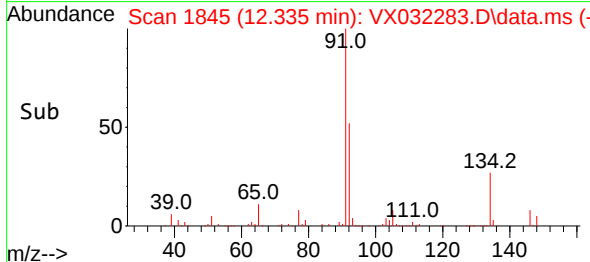
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



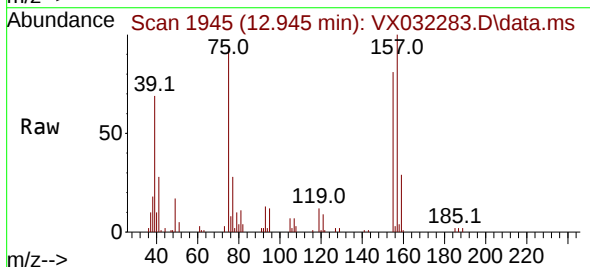
Tgt Ion:146 Resp: 6404
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.1
148 63.4 32.3 96.8

Manual Integrations
APPROVED

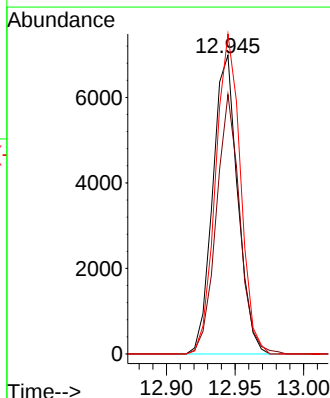
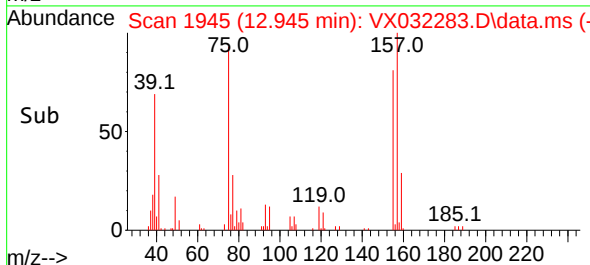
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

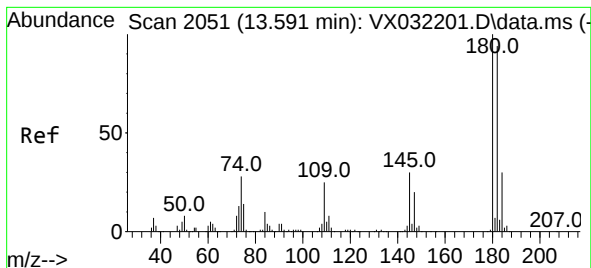


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.209 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03



Tgt Ion: 75 Resp: 8869
Ion Ratio Lower Upper
75 100
155 81.5 43.1 129.3
157 106.1 57.1 171.5





#93

1,2,4-Trichlorobenzene

Concen: 19.801 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion:180 Resp: 4064

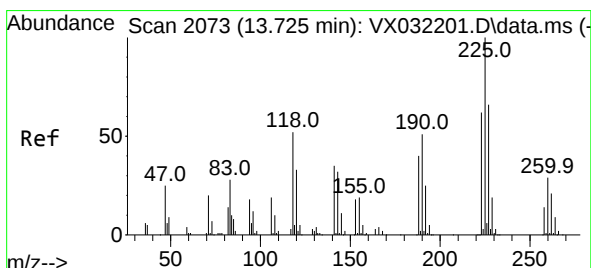
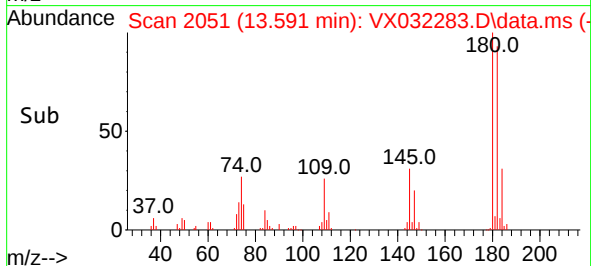
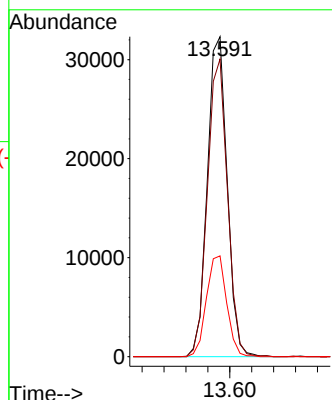
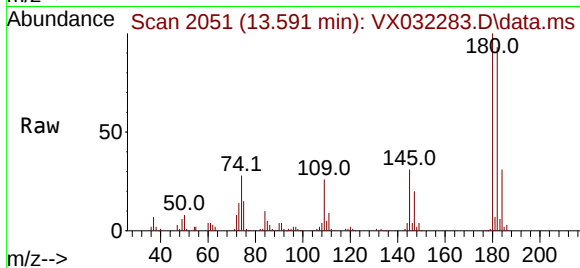
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	32.2	15.6	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#94

Hexachlorobutadiene

Concen: 19.326 ug/l

RT: 13.725 min Scan# 2073

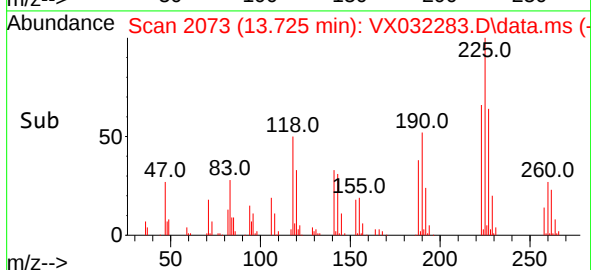
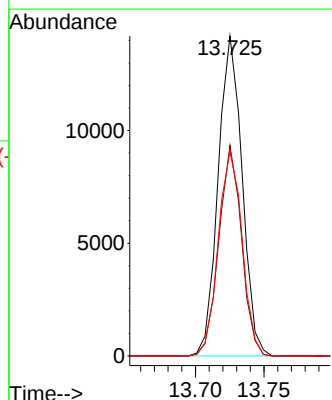
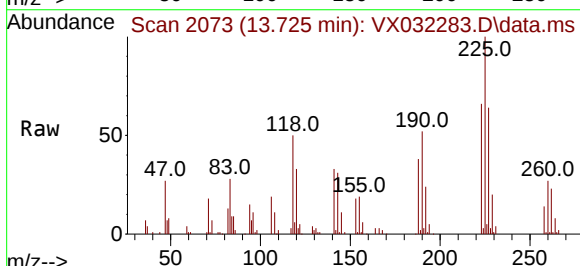
Delta R.T. 0.000 min

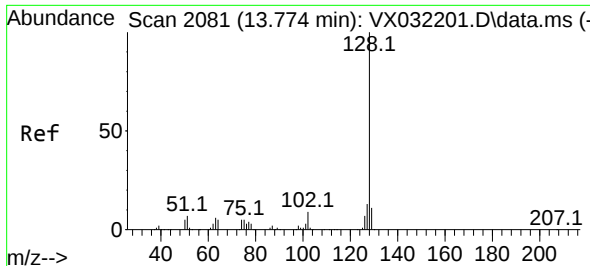
Lab File: VX032283.D

Acq: 21 Oct 2022 13:03

Tgt Ion:225 Resp: 17218

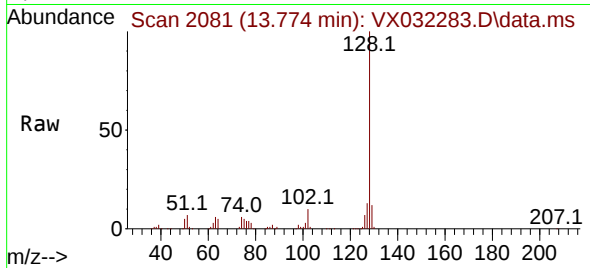
Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.4	94.3
227	63.7	32.0	96.0





#95
Naphthalene
Concen: 20.013 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

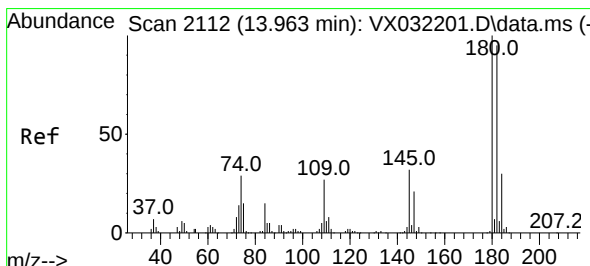
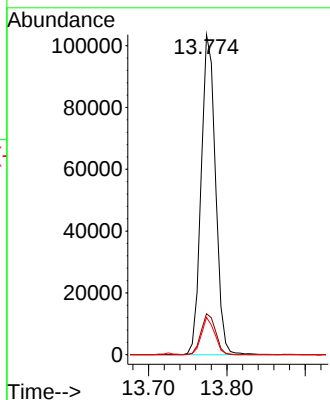
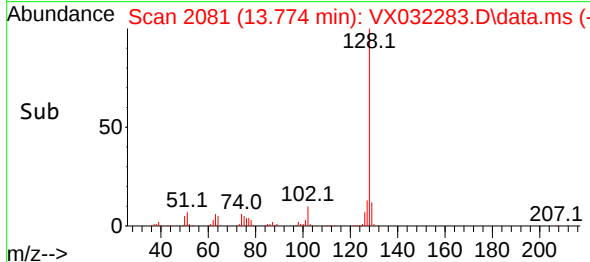
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:128 Resp: 131578
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032283.D
Acq: 21 Oct 2022 13:03

Tgt Ion:180 Resp: 41161
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 33.5 16.5 49.5

