

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028282.D
 Acq On : 22 Apr 2022 16:25
 Operator : JC/MD
 Sample : VX0422MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 06:42:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	374061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	587757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	289317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220673	45.245	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.480%		
35) Dibromofluoromethane	5.391	113	199893	48.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.000%		
50) Toluene-d8	8.653	98	731625	46.214	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.420%		
62) 4-Bromofluorobenzene	11.085	95	271394	44.834	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65439	27.101	ug/l	99
3) Chloromethane	1.294	50	56395	21.807	ug/l	99
4) Vinyl Chloride	1.374	62	67902	18.006	ug/l	98
5) Bromomethane	1.599	94	56889	10.460	ug/l	98
6) Chloroethane	1.685	64	48275	15.662	ug/l	99
7) Trichlorofluoromethane	1.886	101	125791	15.127	ug/l	94
8) Diethyl Ether	2.136	74	45643	16.159	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	66892	22.083	ug/l	98
10) Methyl Iodide	2.453	142	78879	22.282	ug/l	97
11) Tert butyl alcohol	2.959	59	90435	90.482	ug/l	97
12) 1,1-Dichloroethene	2.319	96	59703	20.768	ug/l	93
13) Acrolein	2.233	56	73765	123.406	ug/l	100
14) Allyl chloride	2.666	41	84070	17.428	ug/l	93
15) Acrylonitrile	3.062	53	184554	92.853	ug/l	99
16) Acetone	2.380	43	155018	103.241	ug/l	95
17) Carbon Disulfide	2.514	76	126526	16.344	ug/l	100
18) Methyl Acetate	2.703	43	79961	18.439	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	220766	18.416	ug/l	97
20) Methylene Chloride	2.788	84	70033	19.352	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68670	17.565	ug/l	92
22) Diisopropyl ether	3.763	45	185514	16.885	ug/l #	88
23) Vinyl Acetate	3.721	43	818582	85.282	ug/l	98
24) 1,1-Dichloroethane	3.611	63	115515	17.807	ug/l	99
25) 2-Butanone	4.556	43	248338	85.974	ug/l	97
26) 2,2-Dichloropropane	4.477	77	98459	15.545	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	82714	17.743	ug/l	90
28) Bromochloromethane	4.897	49	49280	17.706	ug/l #	81
29) Tetrahydrofuran	5.007	42	156228	82.949	ug/l	98
30) Chloroform	5.099	83	129989	16.685	ug/l	100
31) Cyclohexane	5.477	56	97515	16.411	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	117530	16.660	ug/l	98
36) 1,1-Dichloropropene	5.702	75	90891	16.905	ug/l	97
37) Ethyl Acetate	4.721	43	95542	17.513	ug/l	99
38) Carbon Tetrachloride	5.678	117	100023	16.479	ug/l	97
39) Methylcyclohexane	7.385	83	112483	16.581	ug/l	96
40) Benzene	6.044	78	274053	17.413	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47969	17.042	ug/l	98
42) 1,2-Dichloroethane	6.092	62	99191	16.978	ug/l	99
43) Isopropyl Acetate	6.342	43	147726	16.638	ug/l	97
44) Trichloroethene	7.129	130	83760	18.352	ug/l	96
45) 1,2-Dichloropropane	7.434	63	66816	17.344	ug/l	94
46) Dibromomethane	7.586	93	52961	17.525	ug/l	97
47) Bromodichloromethane	7.824	83	92647	15.951	ug/l	97
48) Methyl methacrylate	7.696	41	68255	16.744	ug/l #	93
49) 1,4-Dioxane	7.659	88	41358	379.246	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	492601	86.455	ug/l	98
52) Toluene	8.720	92	185017	16.921	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	96324	15.605	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	106492	16.065	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	78117	17.584	ug/l	98
56) Ethyl methacrylate	9.116	69	110728	17.194	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	124681	17.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	275155	91.065	ug/l	91
59) 2-Hexanone	9.433	43	381244	86.380	ug/l	94
60) Dibromochloromethane	9.525	129	77922	16.089	ug/l	95
61) 1,2-Dibromoethane	9.610	107	85218	17.485	ug/l	99
64) Tetrachloroethene	9.275	164	81438	19.322	ug/l	98
65) Chlorobenzene	10.079	112	211090	18.348	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76932	17.951	ug/l	100
67) Ethyl Benzene	10.195	91	356025	18.455	ug/l	97
68) m/p-Xylenes	10.305	106	290597	37.012	ug/l	95
69) o-Xylene	10.646	106	143938	18.387	ug/l	96
70) Styrene	10.659	104	232782	18.355	ug/l	99
71) Bromoform	10.799	173	56438	16.826	ug/l #	100
73) Isopropylbenzene	10.963	105	374849	18.850	ug/l	99
74) N-amyl acetate	10.848	43	124798	18.157	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	120125	18.615	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	106745m	18.747	ug/l	
77) Bromobenzene	11.201	156	96455	18.624	ug/l	90
78) n-propylbenzene	11.305	91	410804	18.630	ug/l	95
79) 2-Chlorotoluene	11.366	91	249474	18.198	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	312033	18.485	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28122	14.677	ug/l #	87
82) 4-Chlorotoluene	11.457	91	283416	17.947	ug/l	95
83) tert-Butylbenzene	11.719	119	320165	18.575	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	316264	18.848	ug/l	98
85) sec-Butylbenzene	11.890	105	385152	18.521	ug/l	97
86) p-Isopropyltoluene	12.012	119	333498	18.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	183623	18.869	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	184354	18.043	ug/l	100
89) n-Butylbenzene	12.335	91	259298	17.602	ug/l	97
90) Hexachloroethane	12.542	117	47153	15.891	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	186466	19.289	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25156	17.529	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	111683	19.424	ug/l	99
94) Hexachlorobutadiene	13.725	225	47100	18.358	ug/l	93
95) Naphthalene	13.780	128	401503	20.962	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114205	20.236	ug/l	95

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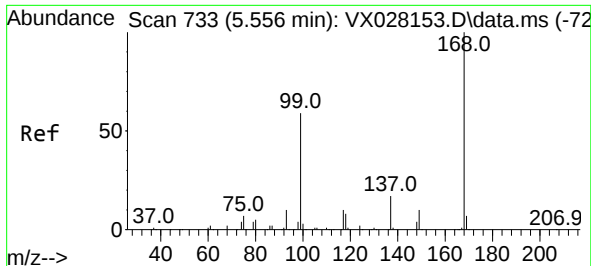
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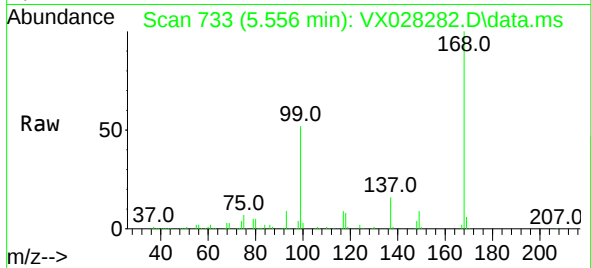
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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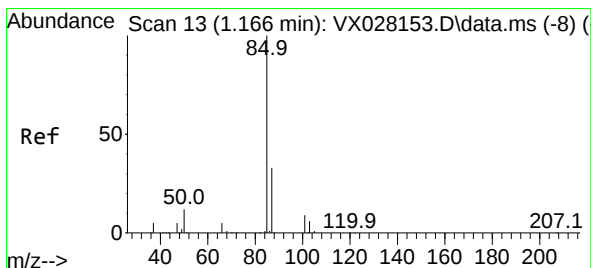
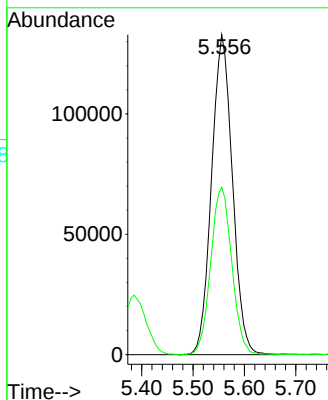
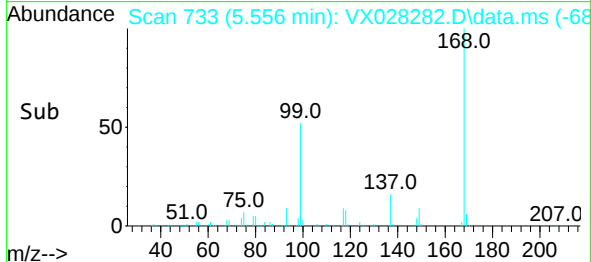
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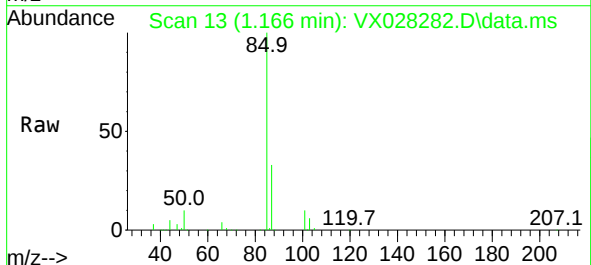
Tgt Ion:168 Resp: 37406
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5

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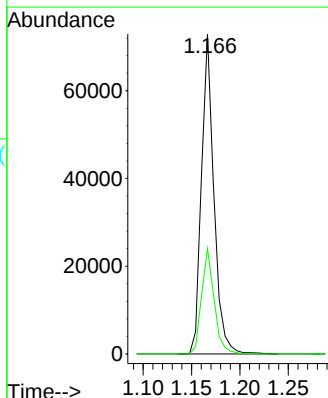
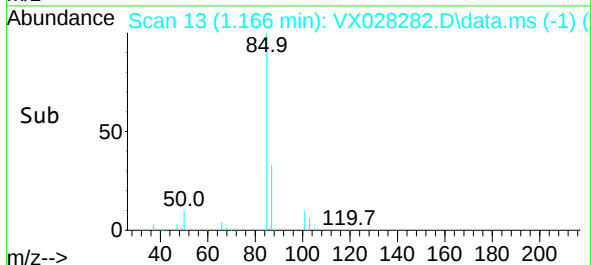
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#2
Dichlorodifluoromethane
Concen: 27.101 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



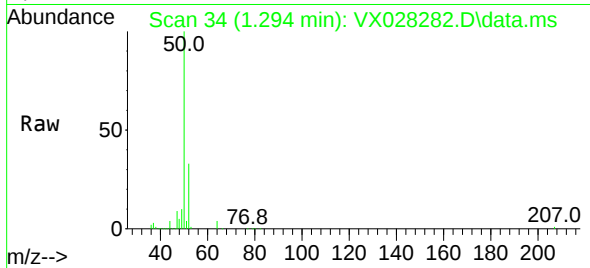
Tgt Ion: 85 Resp: 65439
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 21.807 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

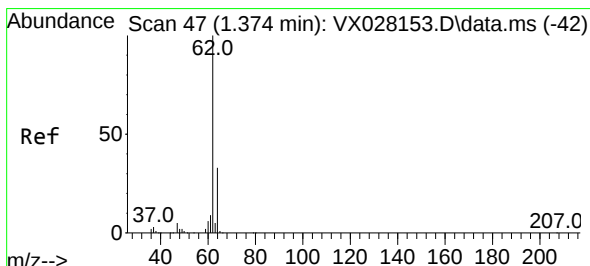
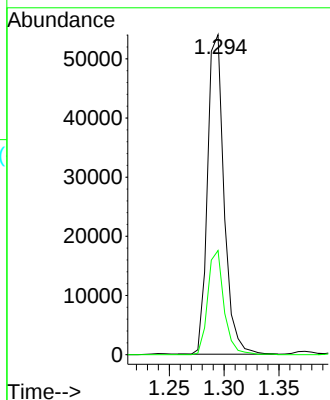
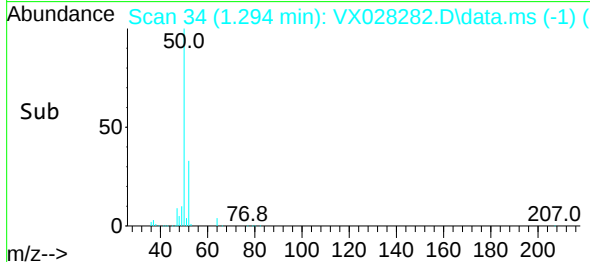
Instrument :
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Tgt Ion: 50 Resp: 5639
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

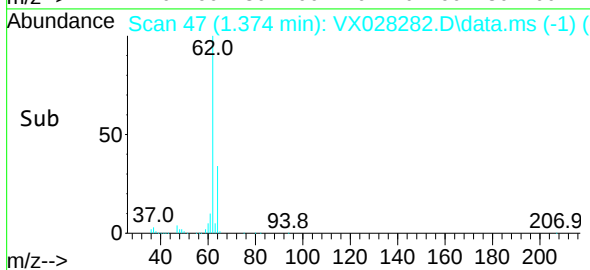
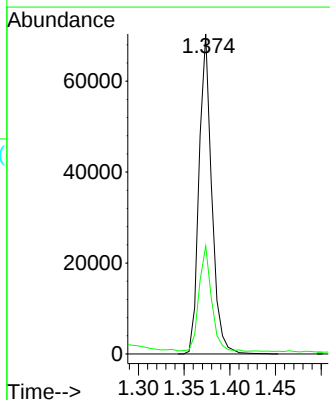
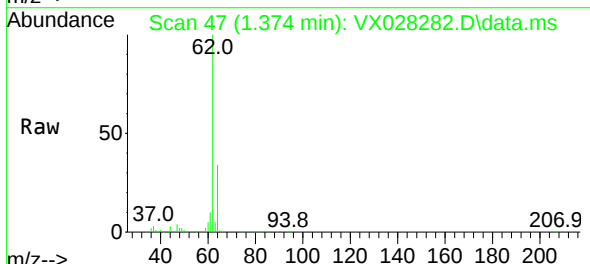
Manual Integrations
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Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#4
Vinyl Chloride
Concen: 18.006 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

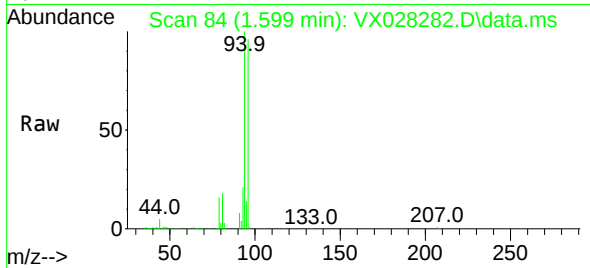
Tgt Ion: 62 Resp: 67902
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3





#5
Bromomethane
Concen: 10.460 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

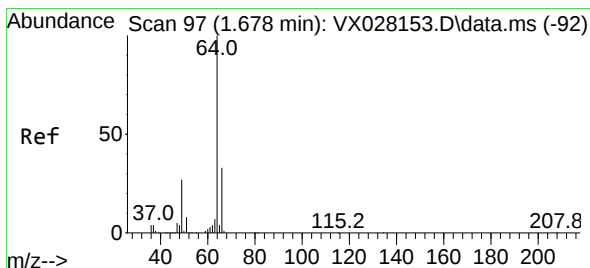
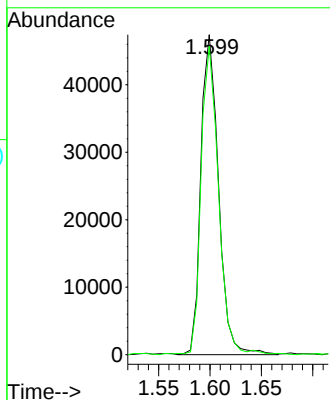
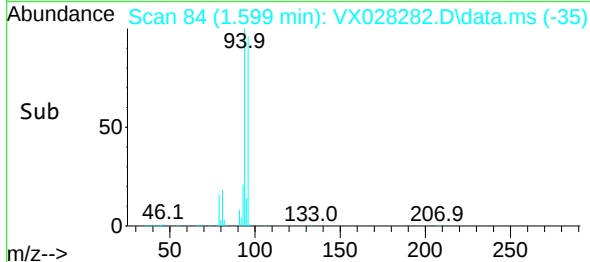
Instrument :
MSVOA_X
ClientSampleId :
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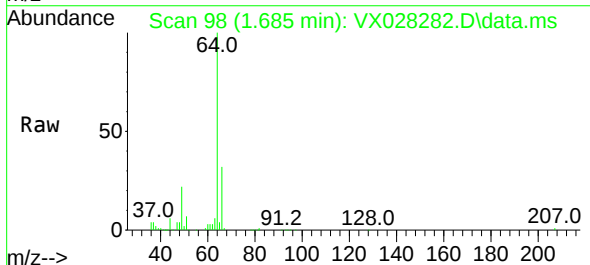
Tgt Ion: 94 Resp: 5688
Ion Ratio Lower Upper
94 100
96 96.0 75.3 112.9

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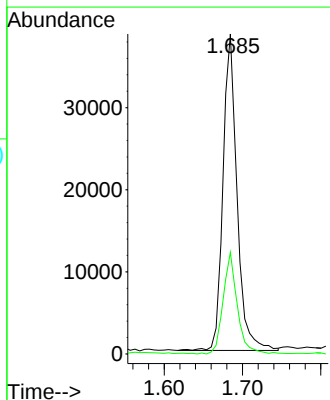
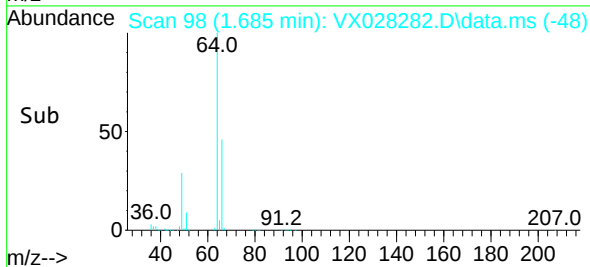
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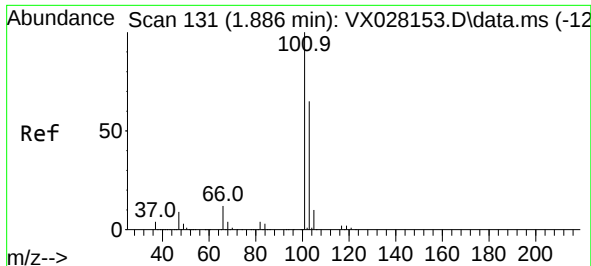


#6
Chloroethane
Concen: 15.662 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



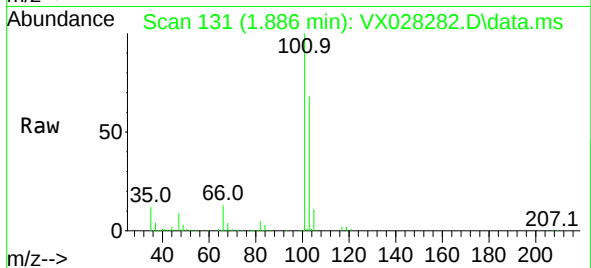
Tgt Ion: 64 Resp: 48275
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 15.127 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028282.D
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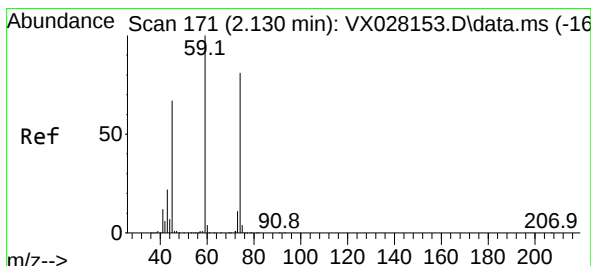
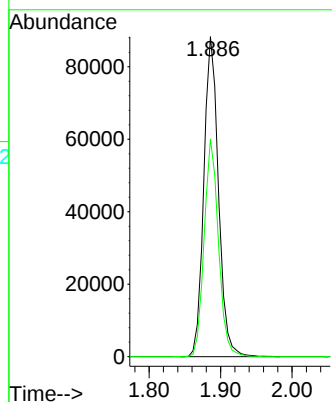
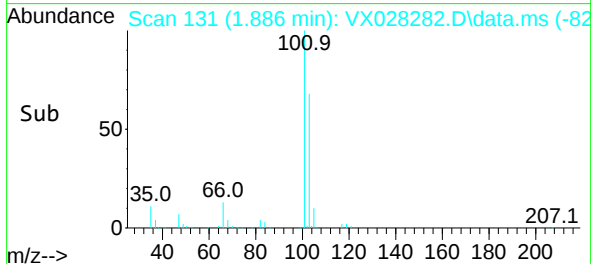
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Tgt Ion:101 Resp: 12579
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.5 75.7

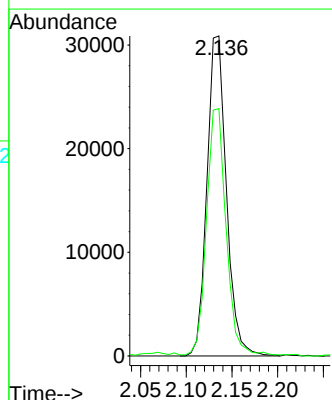
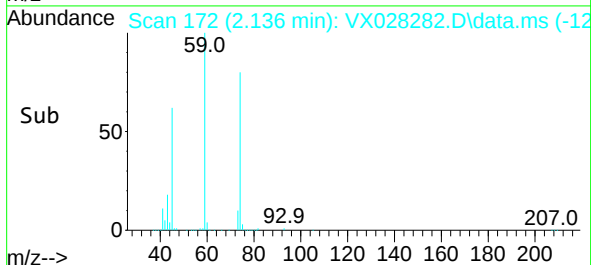
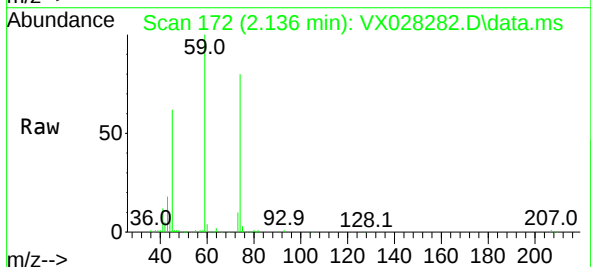
Manual Integrations
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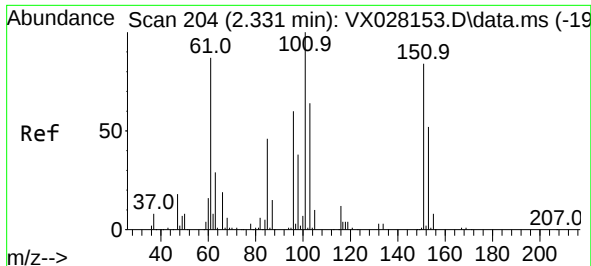
Reviewed By :John Carlone 04/25/2022
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#8
 Diethyl Ether
 Concen: 16.159 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX028282.D
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Tgt Ion: 74 Resp: 45643
 Ion Ratio Lower Upper
 74 100
 45 76.7 42.0 126.0





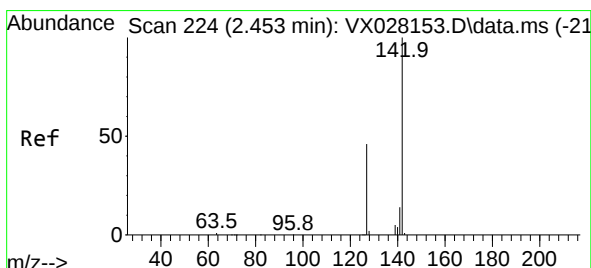
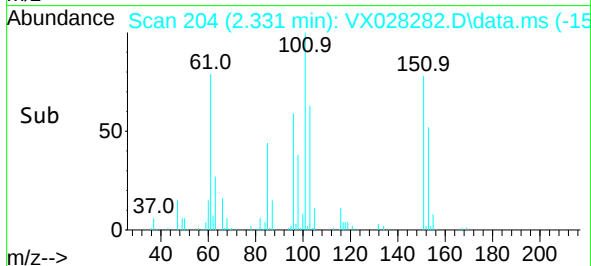
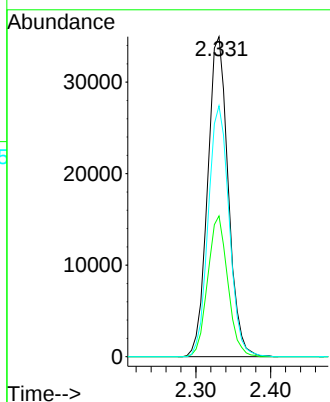
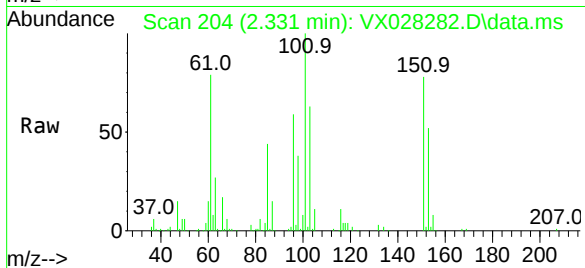
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.083 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028282.D
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Tgt Ion:101 Resp: 66892
Ion Ratio Lower Upper
101 100
85 42.9 33.5 50.3
151 79.5 61.8 92.6

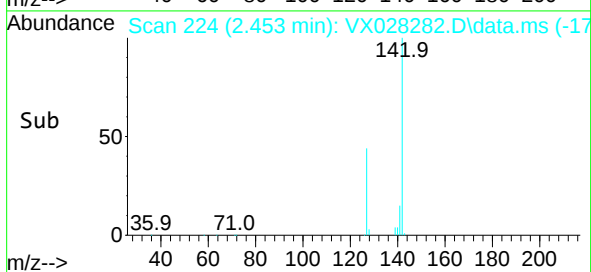
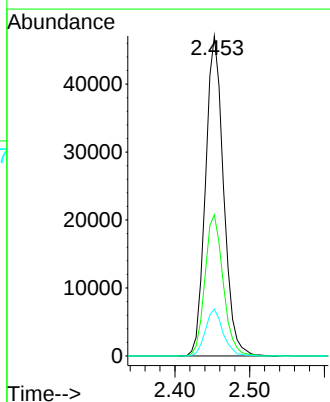
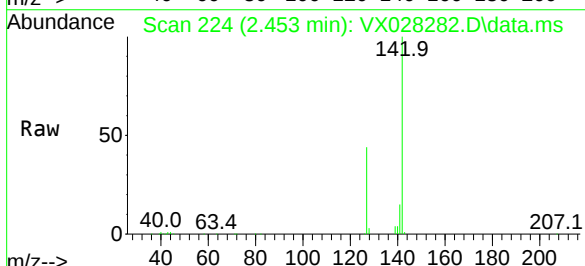
Manual Integrations
APPROVED

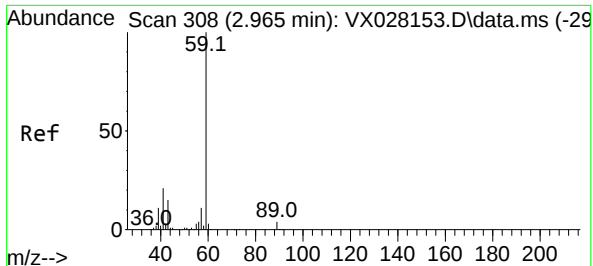
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#10
Methyl Iodide
Concen: 22.282 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

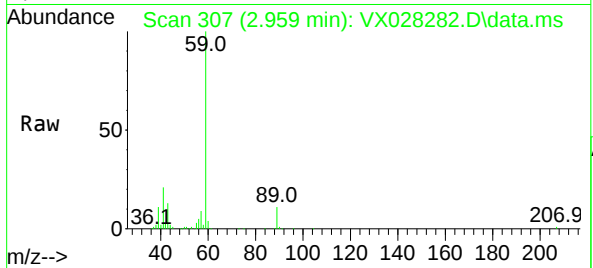
Tgt Ion:142 Resp: 78879
Ion Ratio Lower Upper
142 100
127 44.5 33.9 50.9
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 90.482 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

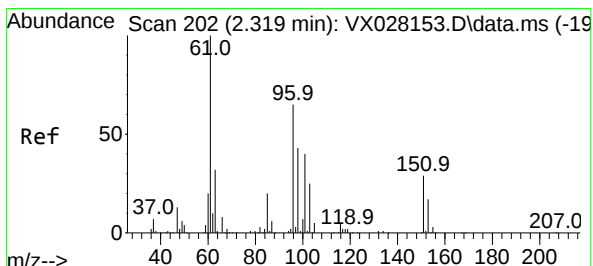
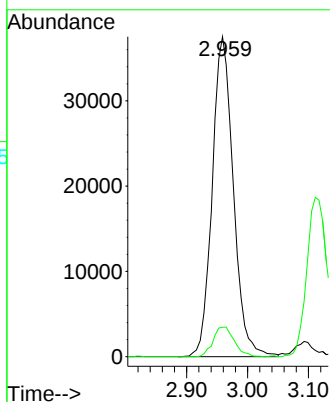
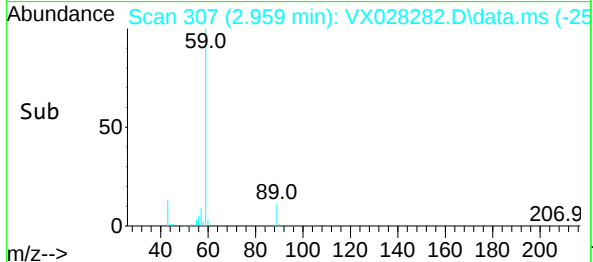
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 59 Resp: 90435
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

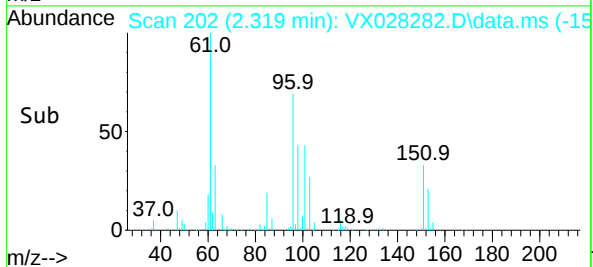
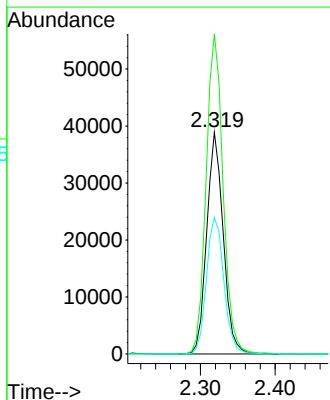
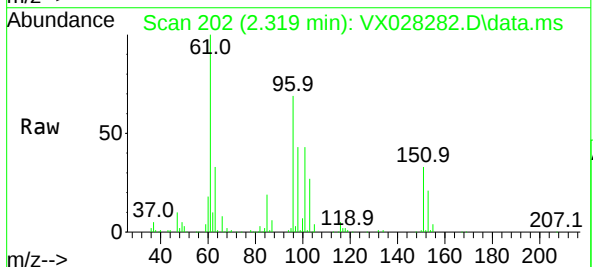
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#12
1,1-Dichloroethene
Concen: 20.768 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

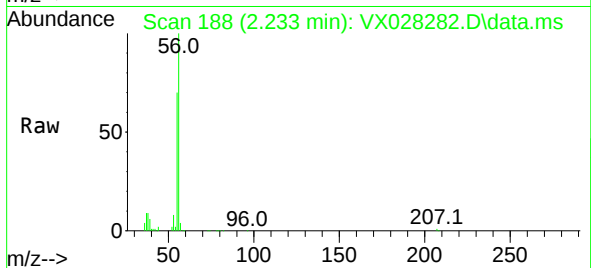
Tgt Ion: 96 Resp: 59703
Ion Ratio Lower Upper
96 100
61 144.3 124.6 187.0
98 61.6 51.0 76.4





#13
Acrolein
Concen: 123.406 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

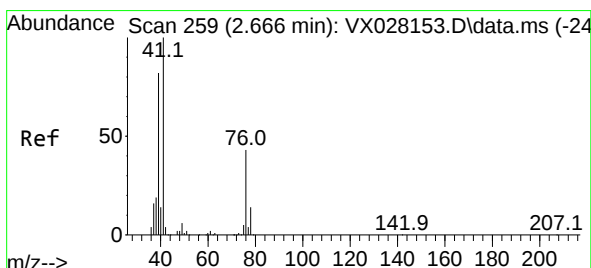
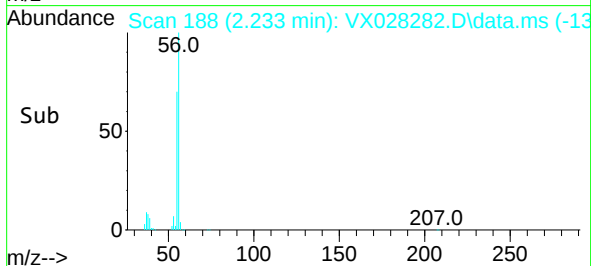
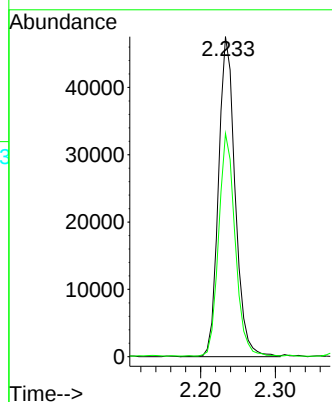
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 56 Resp: 7376
Ion Ratio Lower Upper
56 100
55 68.6 55.0 82.6

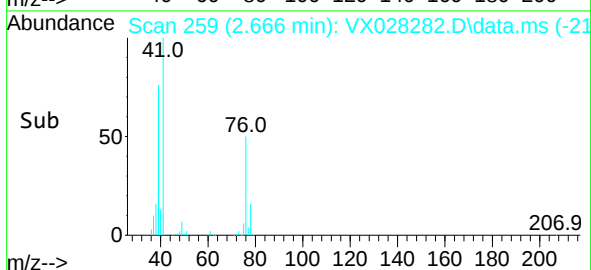
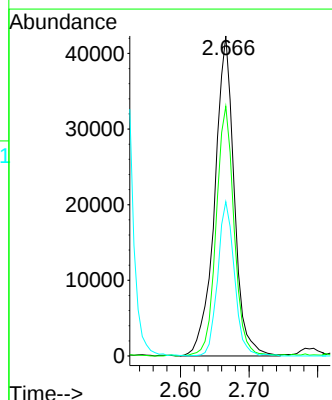
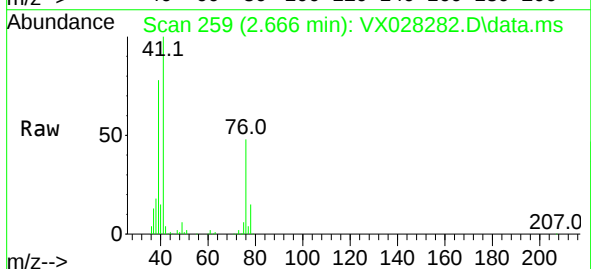
Manual Integrations
APPROVED

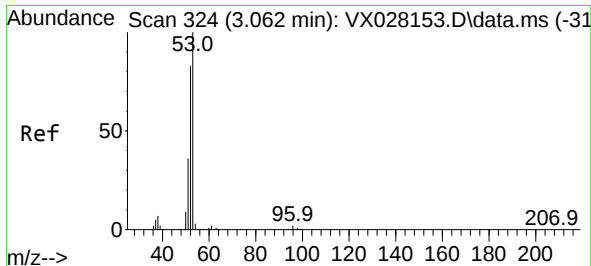
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#14
Allyl chloride
Concen: 17.428 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

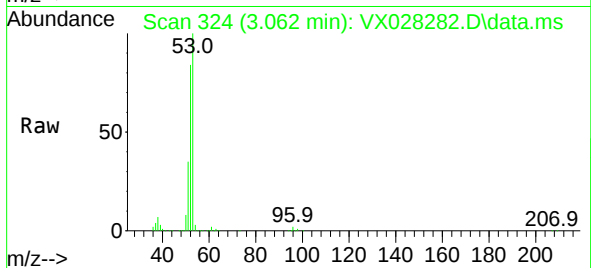
Tgt Ion: 41 Resp: 84070
Ion Ratio Lower Upper
41 100
39 71.3 50.4 75.6
76 41.0 32.7 49.1





#15
Acrylonitrile
Concen: 92.853 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

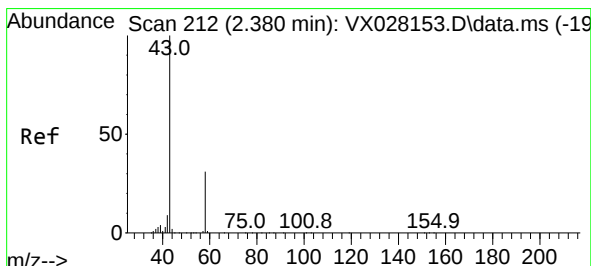
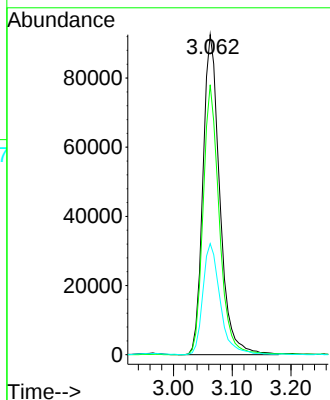
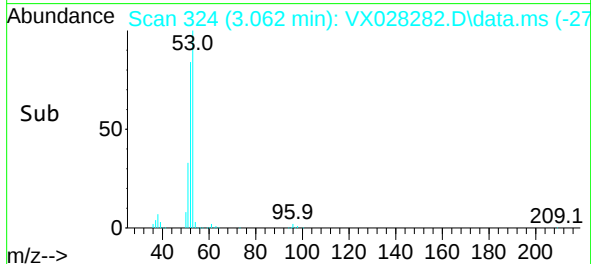
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



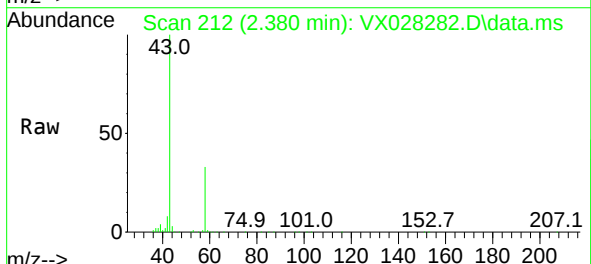
Tgt Ion: 53 Resp: 184554
Ion Ratio Lower Upper
53 100
52 81.3 65.7 98.5
51 35.7 28.4 42.6

Manual Integrations
APPROVED

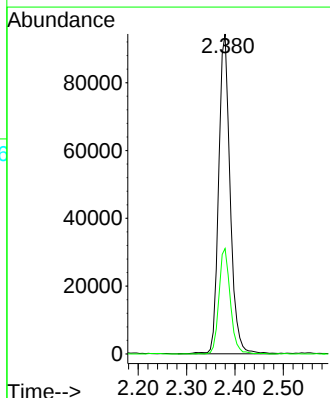
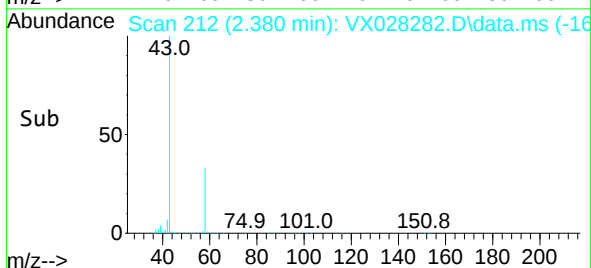
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

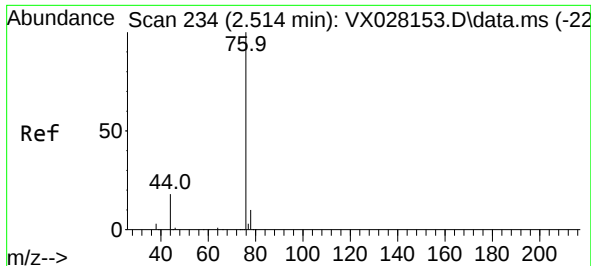


#16
Acetone
Concen: 103.241 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



Tgt Ion: 43 Resp: 155018
Ion Ratio Lower Upper
43 100
58 33.0 28.8 43.2





#17

Carbon Disulfide

Concen: 16.344 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028282.D

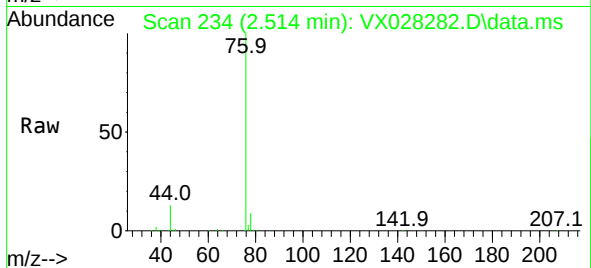
Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02



Tgt Ion: 76 Resp: 126520

Ion Ratio Lower Upper

76 100

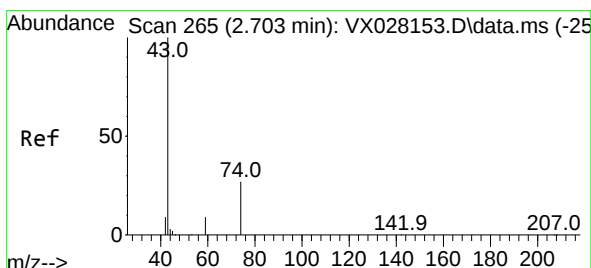
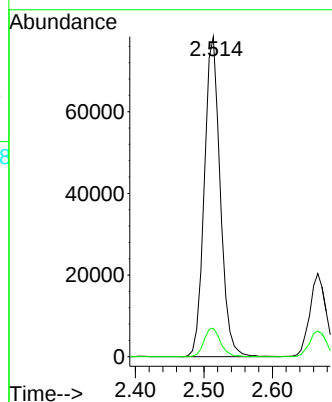
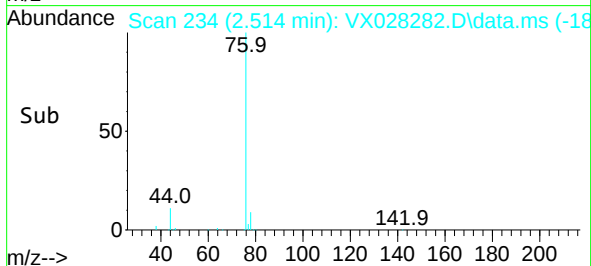
78 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#18

Methyl Acetate

Concen: 18.439 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX028282.D

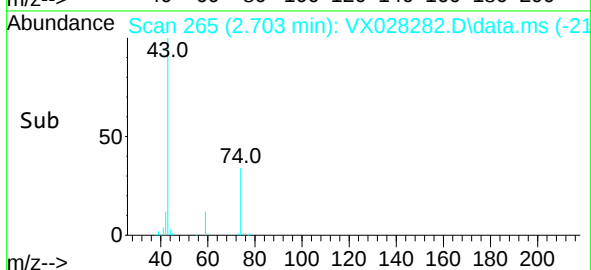
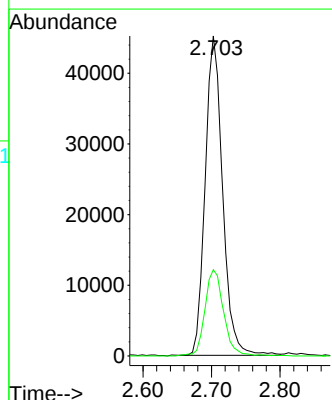
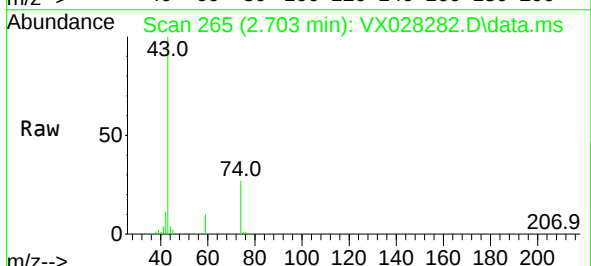
Acq: 22 Apr 2022 16:25

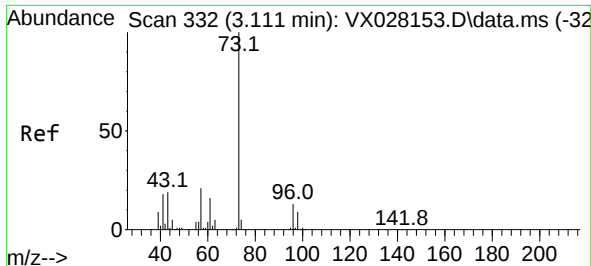
Tgt Ion: 43 Resp: 79961

Ion Ratio Lower Upper

43 100

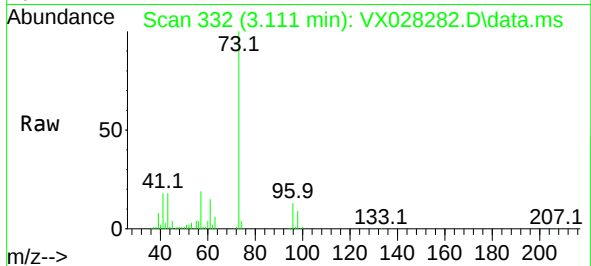
74 29.0 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 18.416 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

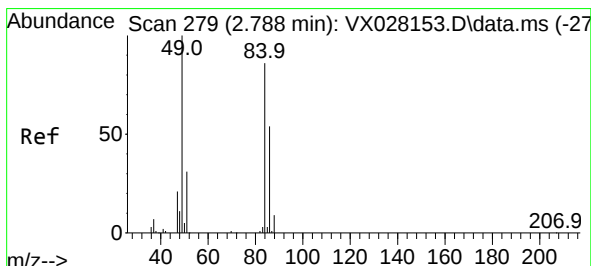
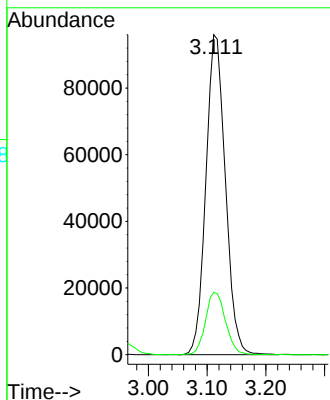
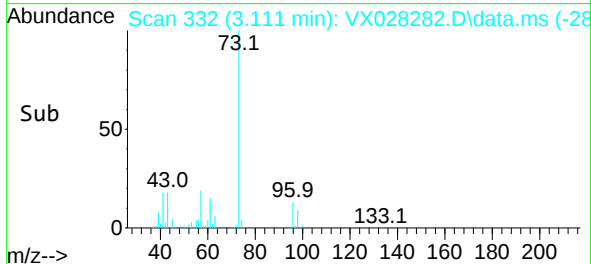
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



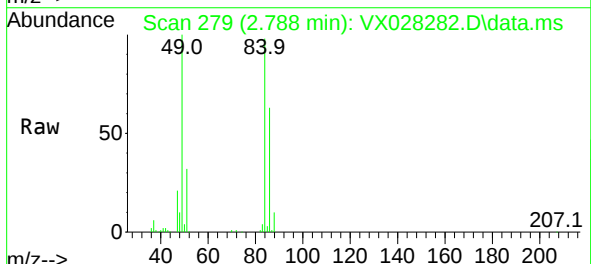
Tgt Ion: 73 Resp: 220760
Ion Ratio Lower Upper
73 100
57 19.5 16.8 25.2

Manual Integrations
APPROVED

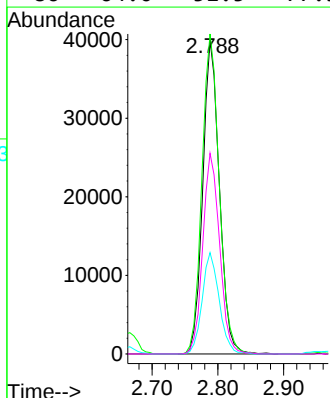
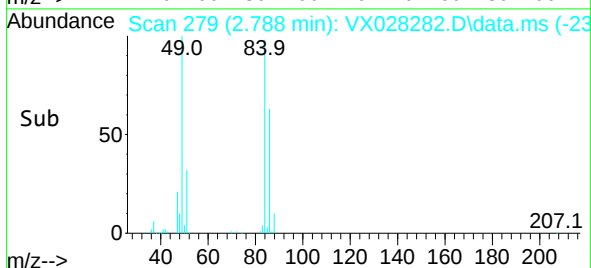
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

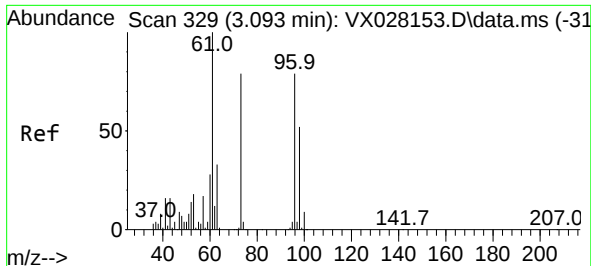


#20
Methylene Chloride
Concen: 19.352 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



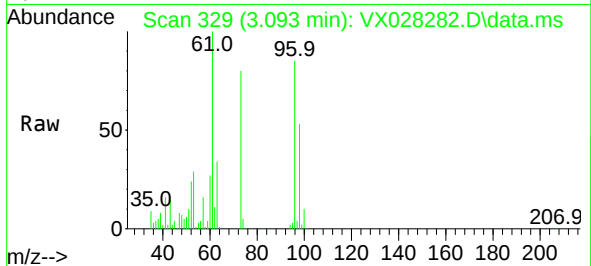
Tgt Ion: 84 Resp: 70033
Ion Ratio Lower Upper
84 100
49 102.0 85.5 128.3
51 32.3 26.6 39.8
86 64.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.565 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

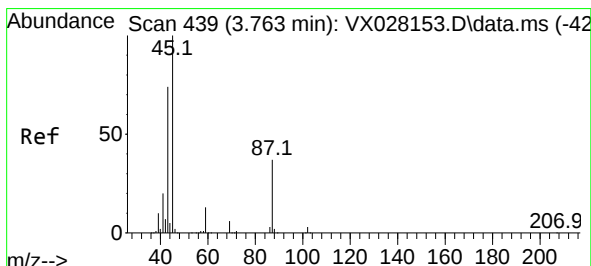
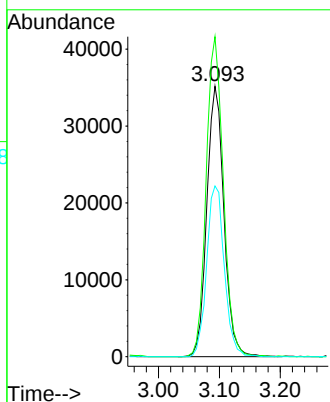
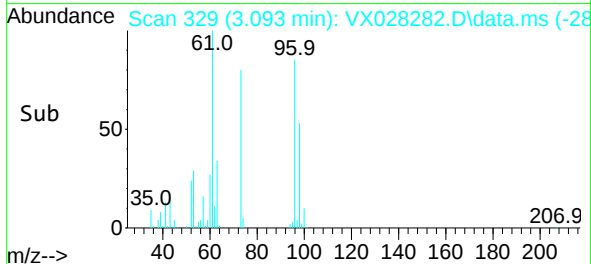
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 96 Resp: 68670
Ion Ratio Lower Upper
96 100
61 118.3 105.4 158.2
98 63.1 50.0 75.0

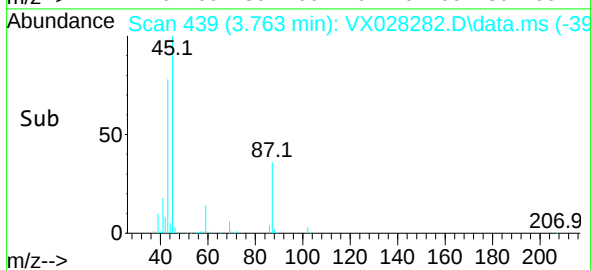
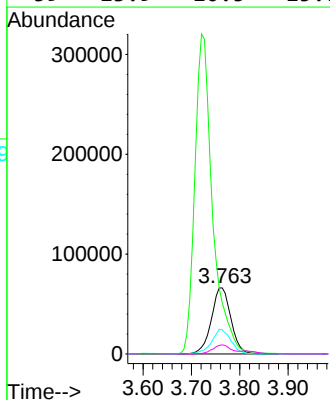
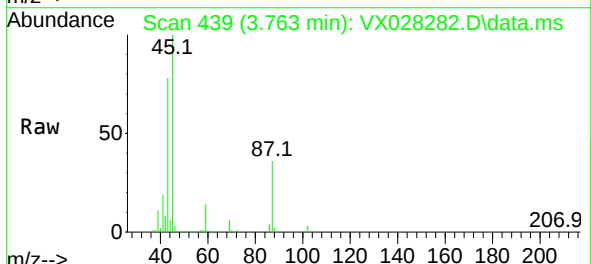
Manual Integrations
APPROVED

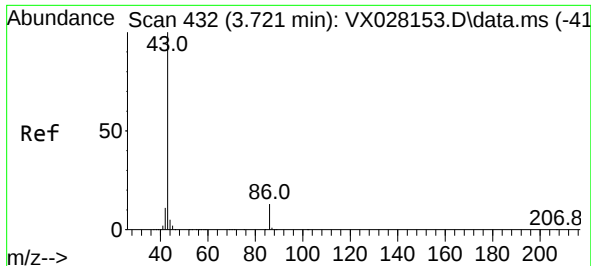
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#22
Diisopropyl ether
Concen: 16.885 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

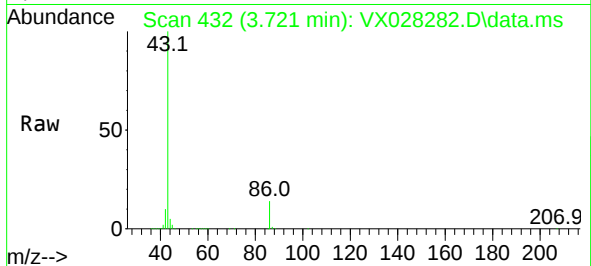
Tgt Ion: 45 Resp: 185514
Ion Ratio Lower Upper
45 100
43 77.1 50.8 76.2#
87 36.5 26.6 39.8
59 13.9 10.5 15.7





#23
 Vinyl Acetate
 Concen: 85.282 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028282.D
 Acq: 22 Apr 2022 16:25

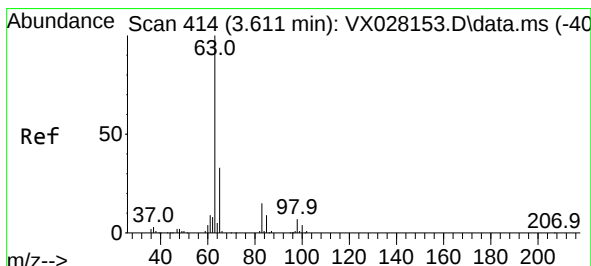
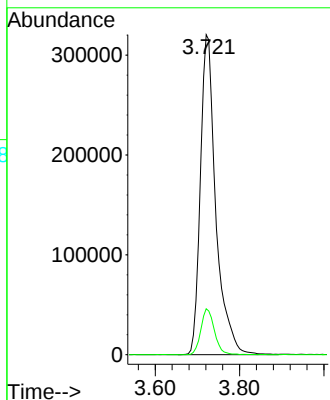
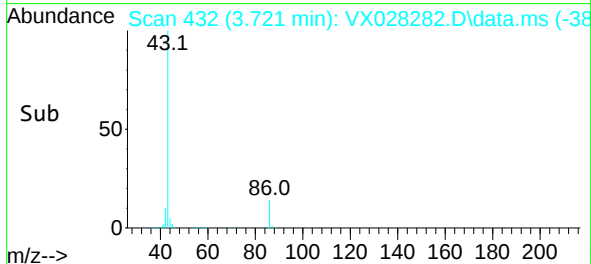
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422MBS02



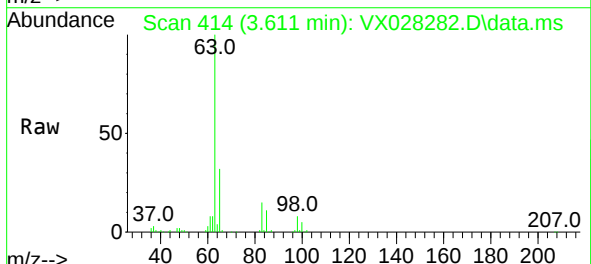
Tgt Ion: 43 Resp: 81858
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.8 16.2

Manual Integrations
 APPROVED

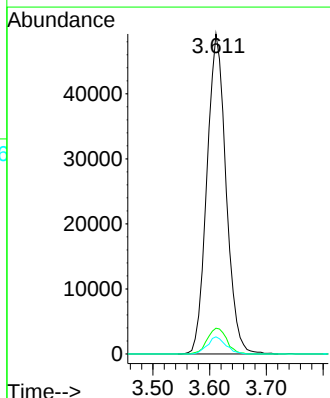
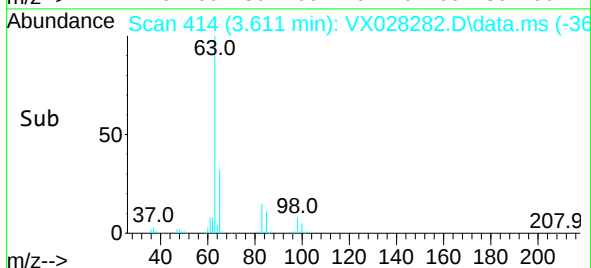
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

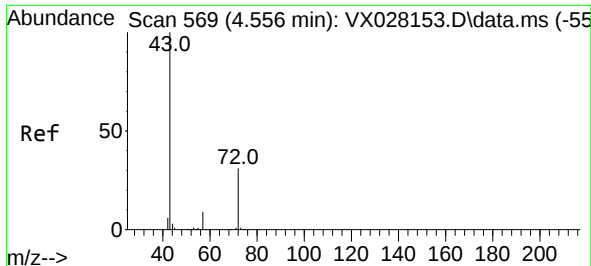


#24
 1,1-Dichloroethane
 Concen: 17.807 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX028282.D
 Acq: 22 Apr 2022 16:25



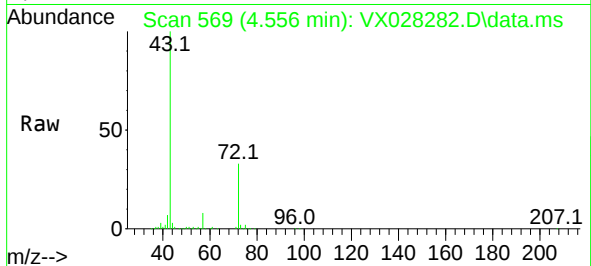
Tgt Ion: 63 Resp: 115515
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.4 2.4 7.2





#25
2-Butanone
Concen: 85.974 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

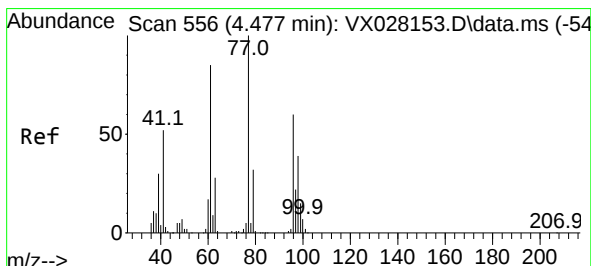
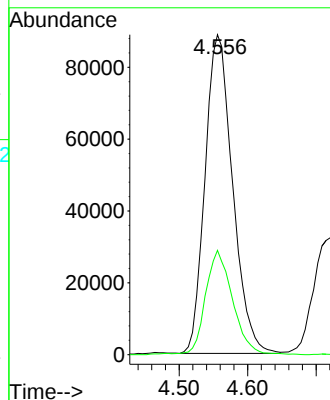
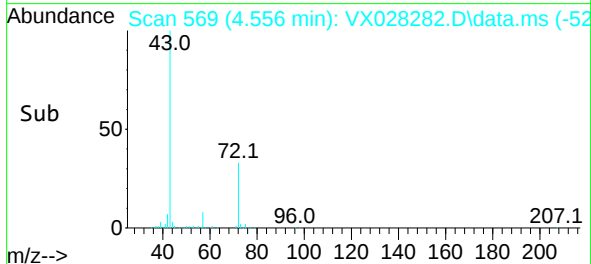
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



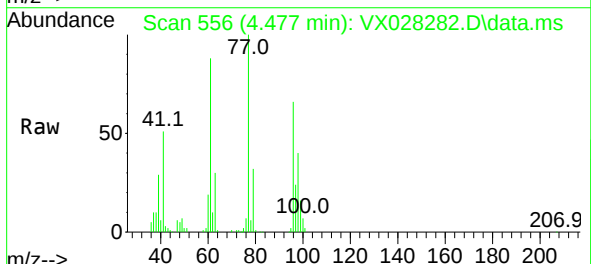
Tgt Ion: 43 Resp: 248338
Ion Ratio Lower Upper
43 100
72 32.4 24.4 36.6

Manual Integrations
APPROVED

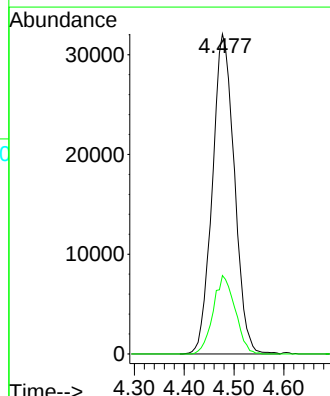
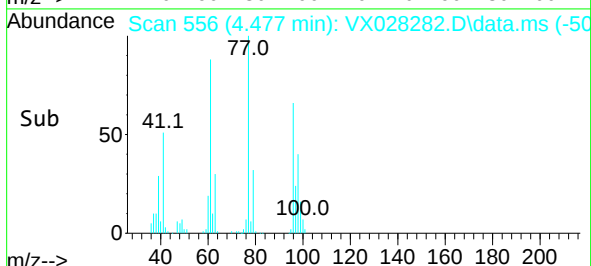
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

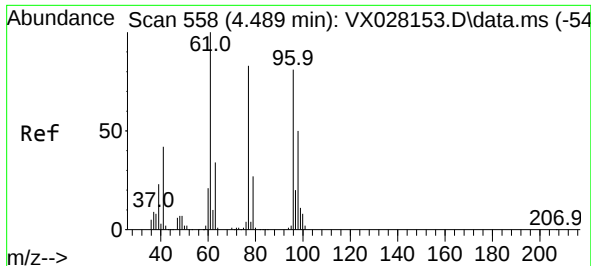


#26
2,2-Dichloropropane
Concen: 15.545 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



Tgt Ion: 77 Resp: 98459
Ion Ratio Lower Upper
77 100
97 24.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 17.743 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

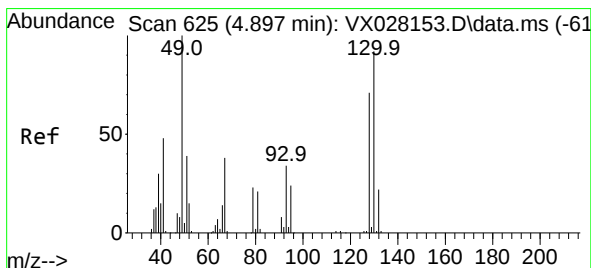
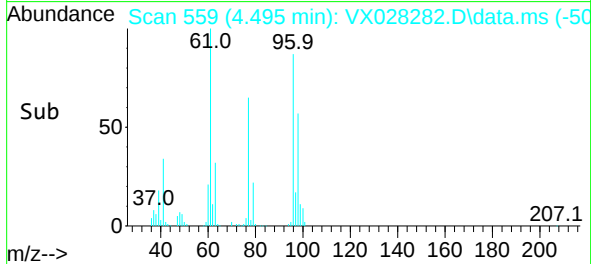
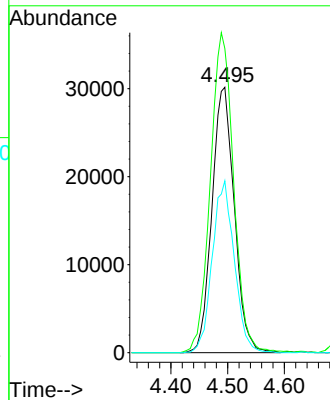
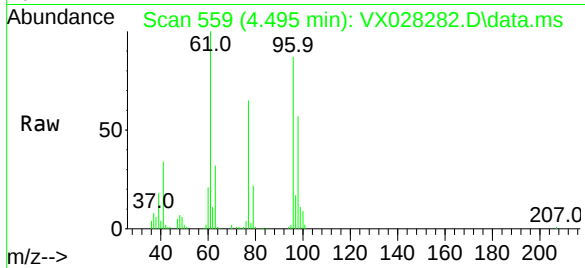
Tgt Ion:	96	Resp:	82714
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	283.8
98	63.7	0.0	129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#28

Bromochloromethane

Concen: 17.706 ug/l

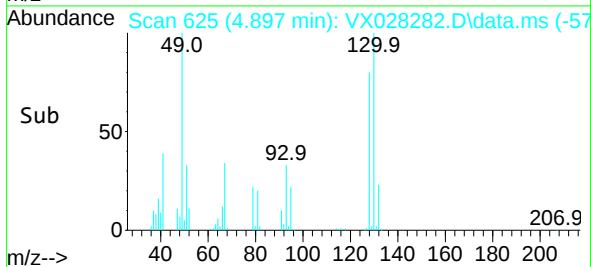
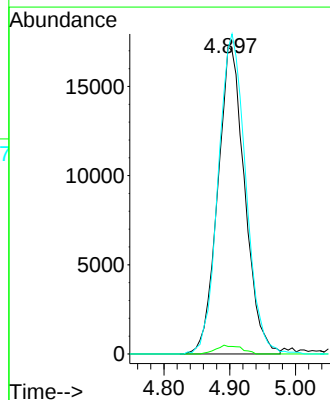
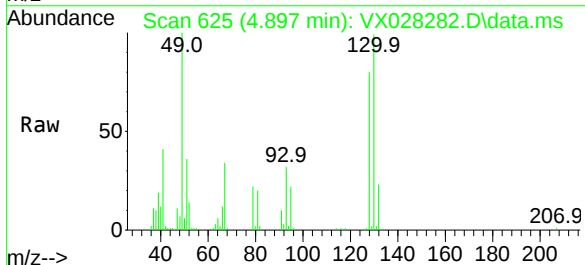
RT: 4.897 min Scan# 625

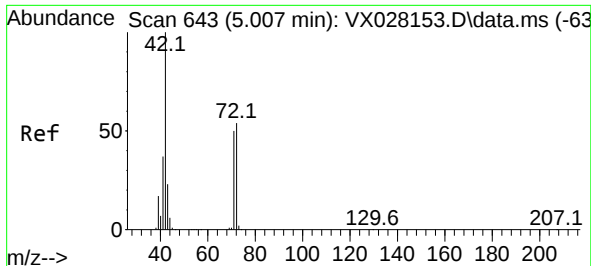
Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

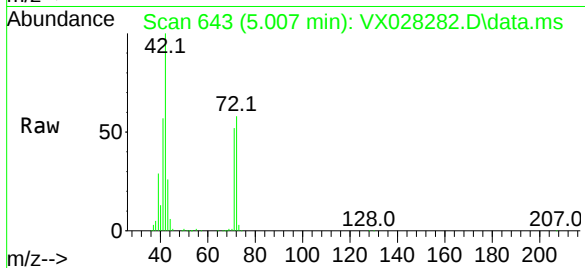
Tgt Ion:	49	Resp:	49280
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	106.2	70.7	106.1#





#29
Tetrahydrofuran
Concen: 82.949 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

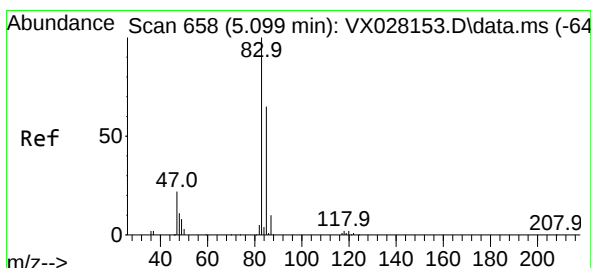
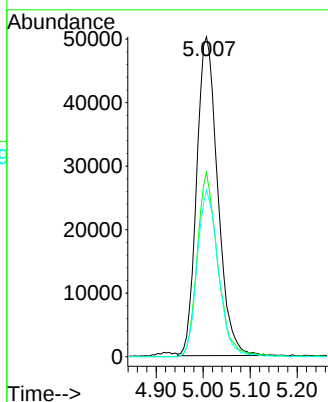
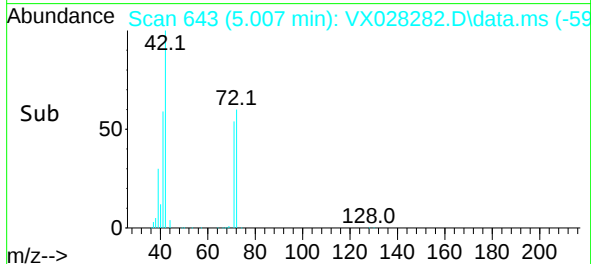
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 42 Resp: 156228
Ion Ratio Lower Upper
42 100
72 56.4 44.1 66.1
71 52.7 40.5 60.7

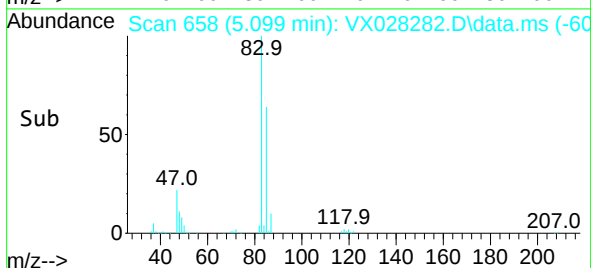
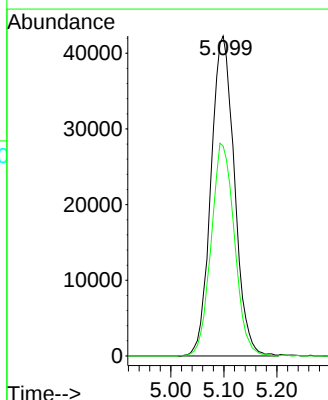
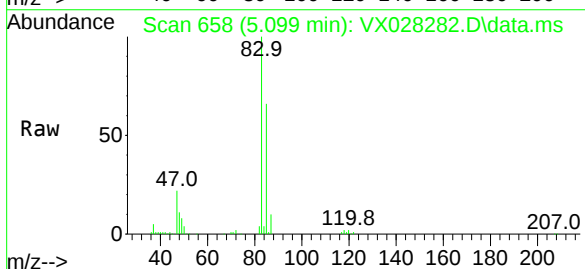
Manual Integrations
APPROVED

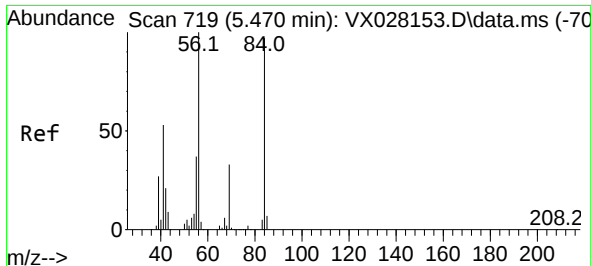
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#30
Chloroform
Concen: 16.685 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

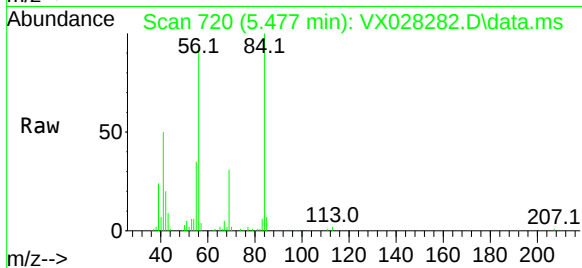
Tgt Ion: 83 Resp: 129989
Ion Ratio Lower Upper
83 100
85 65.6 52.7 79.1





#31
Cyclohexane
Concen: 16.411 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

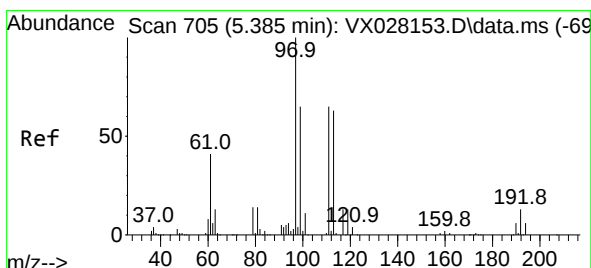
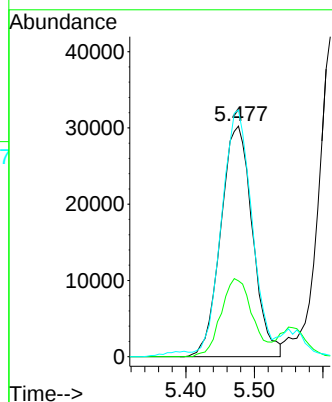
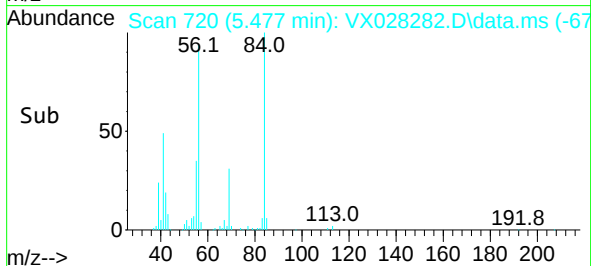
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 56 Resp: 9751
Ion Ratio Lower Upper
56 100
69 32.9 26.7 40.1
84 105.0 77.2 115.8

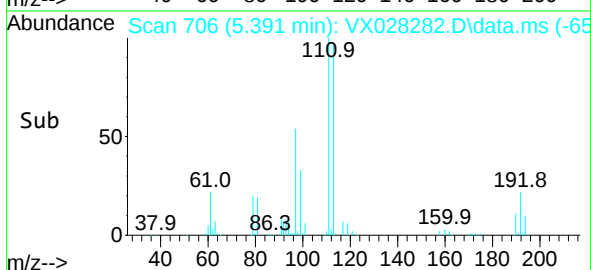
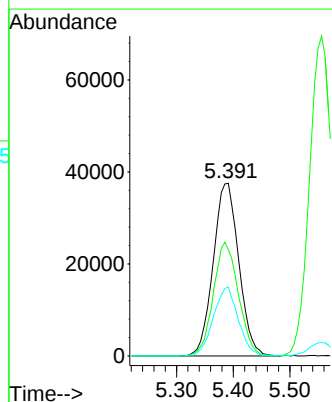
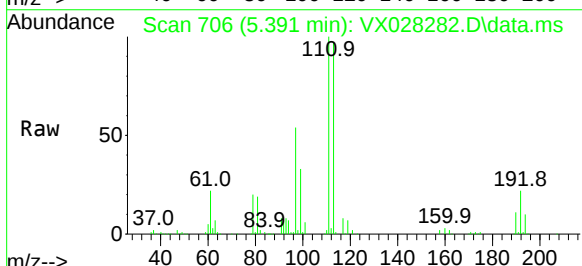
Manual Integrations
APPROVED

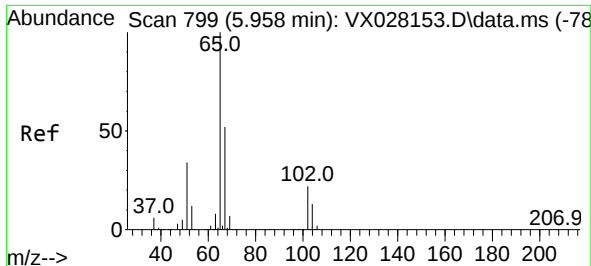
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#32
1,1,1-Trichloroethane
Concen: 16.660 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Tgt Ion: 97 Resp: 117530
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 38.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 45.245 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 65 Resp: 22067

Ion Ratio Lower Upper

65 100

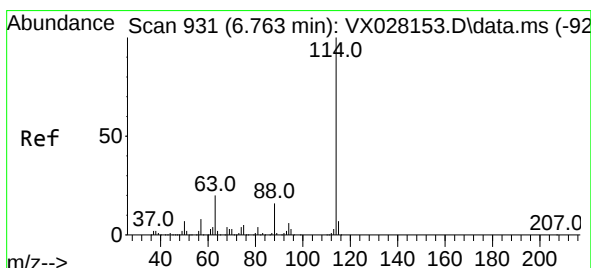
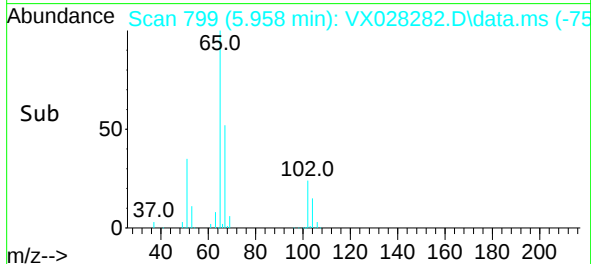
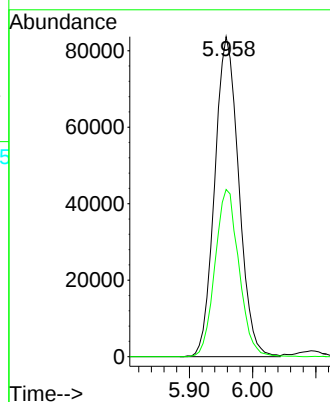
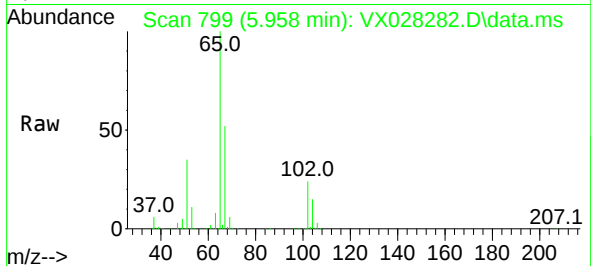
67 52.1 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

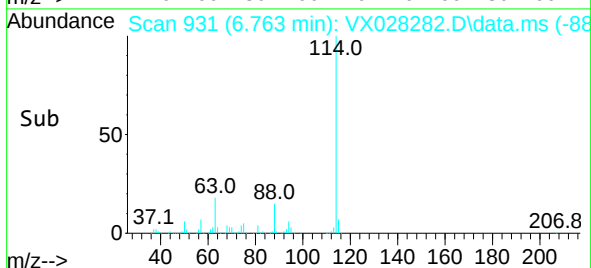
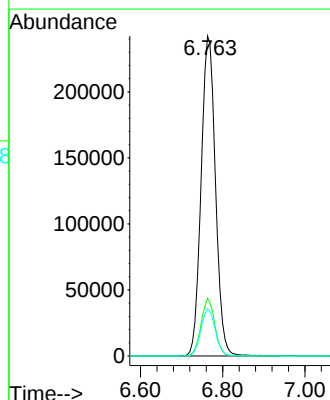
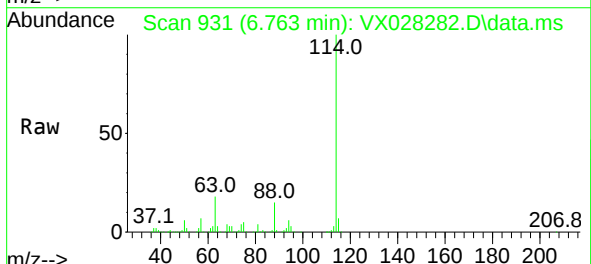
Tgt Ion:114 Resp: 587757

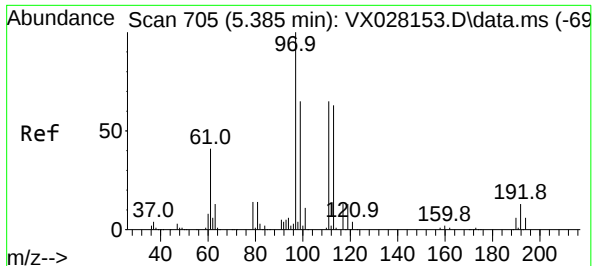
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

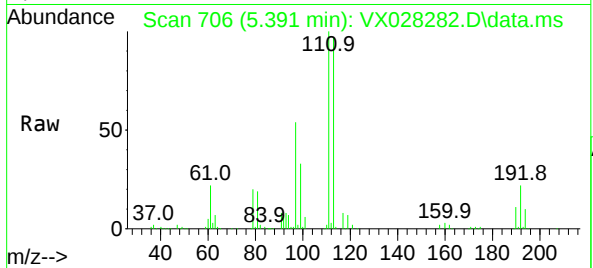
88 14.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 48.495 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

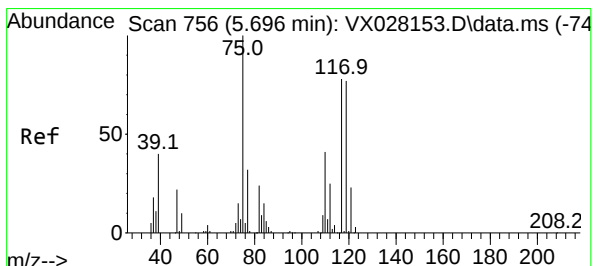
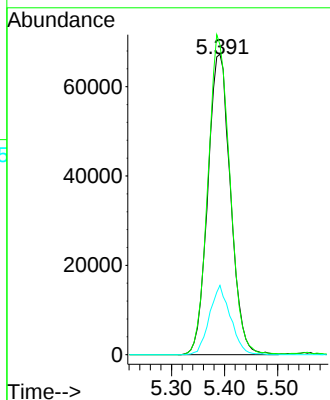
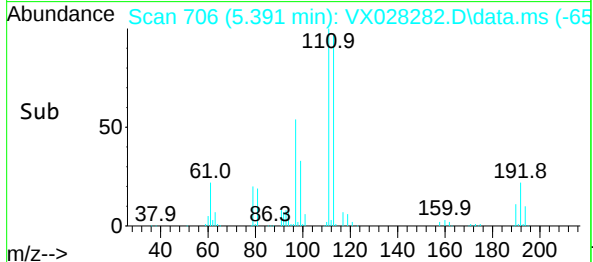
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 113 Resp: 199891
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 21.5 16.9 25.3

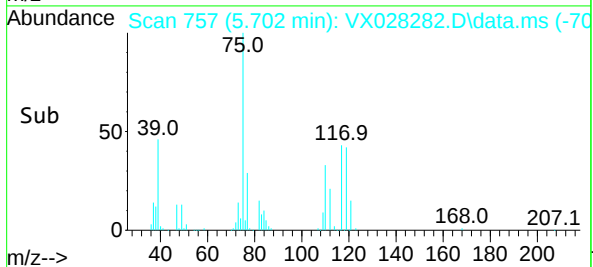
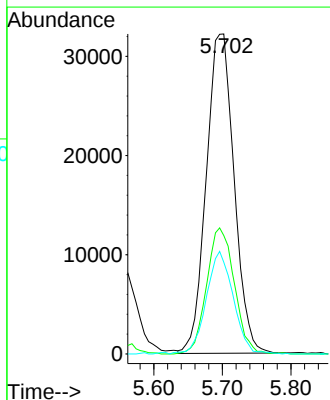
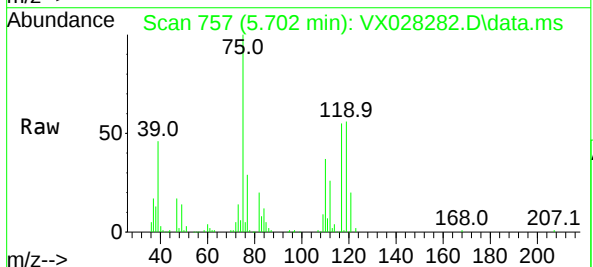
Manual Integrations
APPROVED

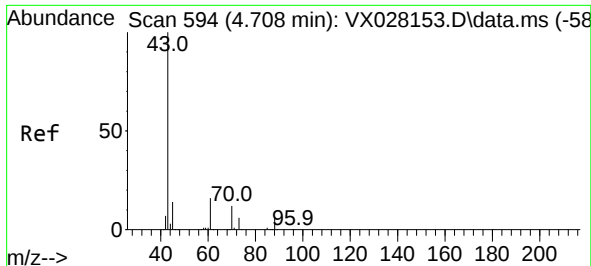
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#36
1,1-Dichloropropene
Concen: 16.905 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Tgt Ion: 75 Resp: 90891
Ion Ratio Lower Upper
75 100
110 39.3 18.3 54.8
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 17.513 ug/l

RT: 4.721 min Scan# 594

Delta R.T. 0.013 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

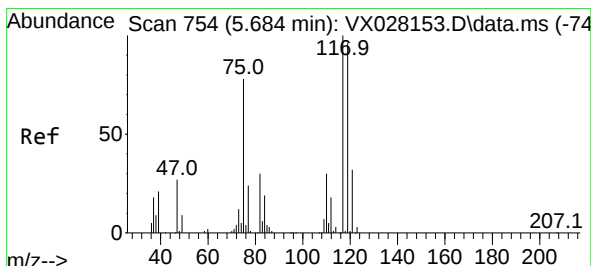
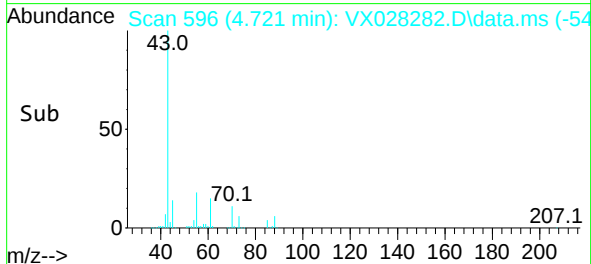
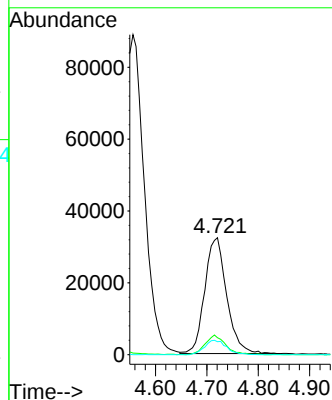
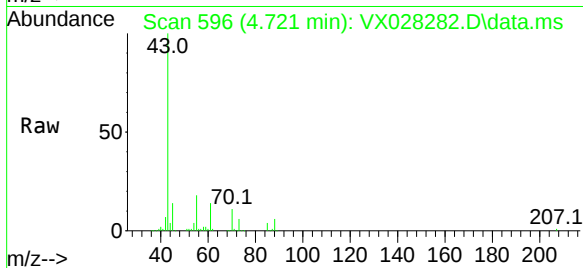
Tgt Ion:	43	Resp:	9554
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.6	19.0
70	12.3	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#38

Carbon Tetrachloride

Concen: 16.479 ug/l

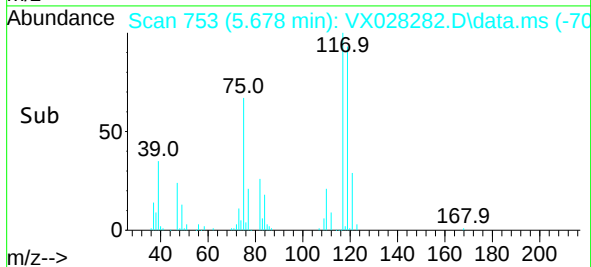
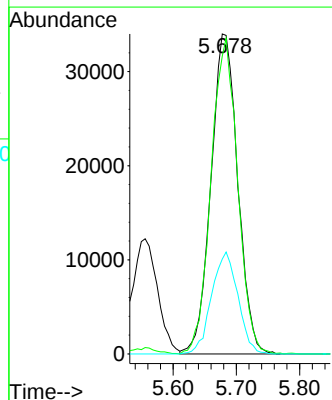
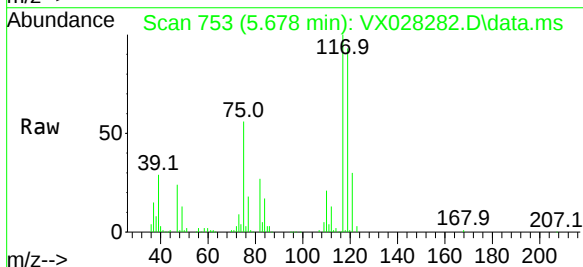
RT: 5.678 min Scan# 753

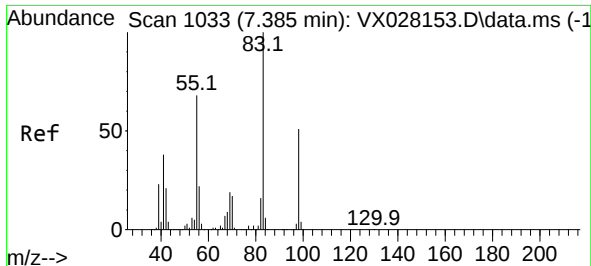
Delta R.T. -0.006 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Tgt Ion:	117	Resp:	100023
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.3	115.9
121	29.7	24.2	36.2





#39

Methylcyclohexane

Concen: 16.581 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 83 Resp: 11248

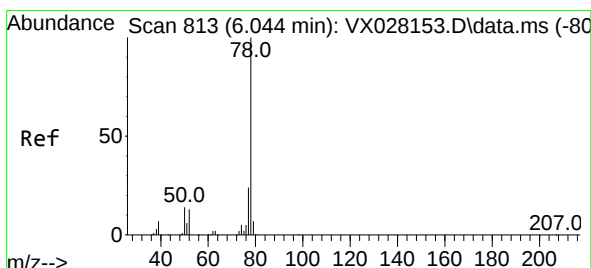
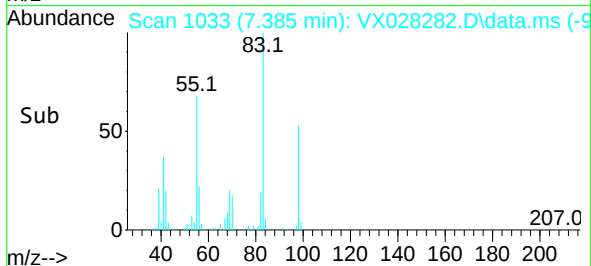
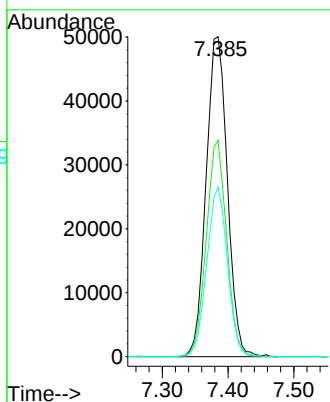
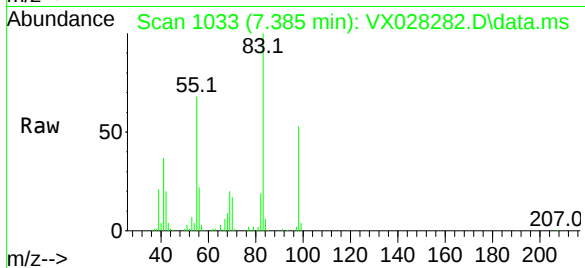
Ion	Ratio	Lower	Upper
83	100		
55	67.5	54.6	81.8
98	52.9	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#40

Benzene

Concen: 17.413 ug/l

RT: 6.044 min Scan# 813

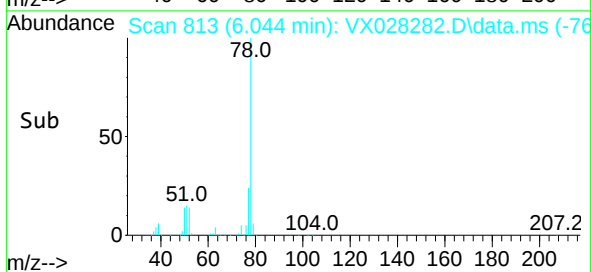
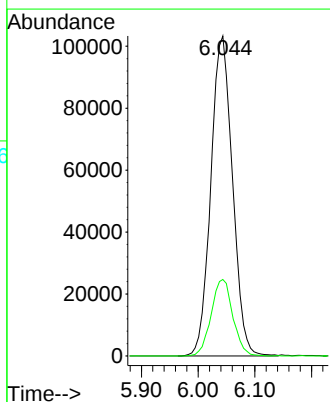
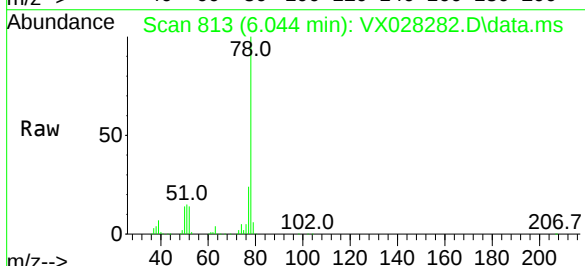
Delta R.T. -0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Tgt Ion: 78 Resp: 274053

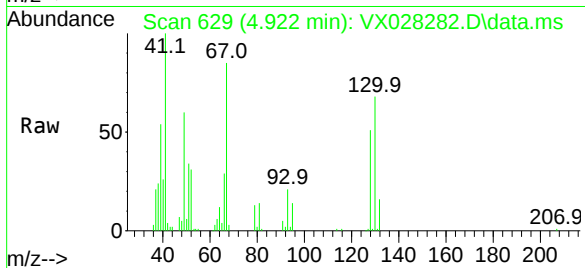
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41
Methacrylonitrile
Concen: 17.042 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

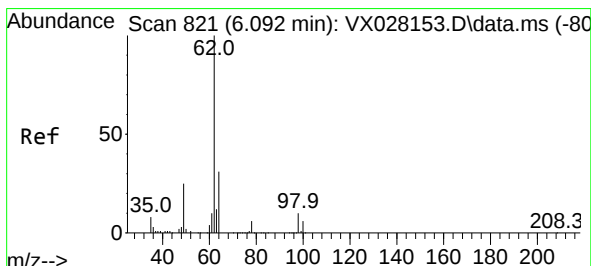
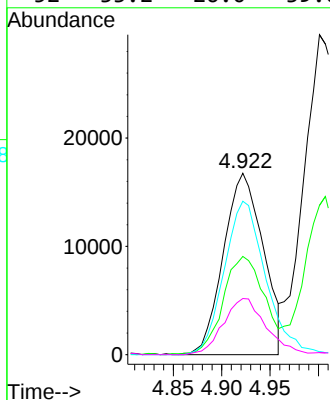
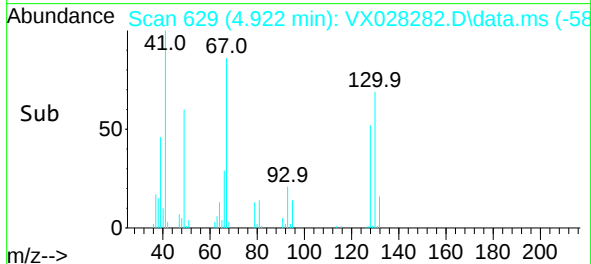
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



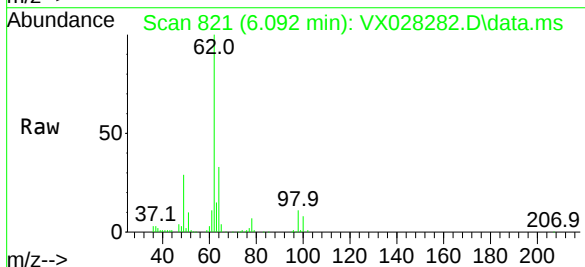
Tgt Ion: 41 Resp: 47969
Ion Ratio Lower Upper
41 100
39 55.9 43.0 64.4
67 88.6 70.2 105.4
52 33.2 26.0 39.0

Manual Integrations
APPROVED

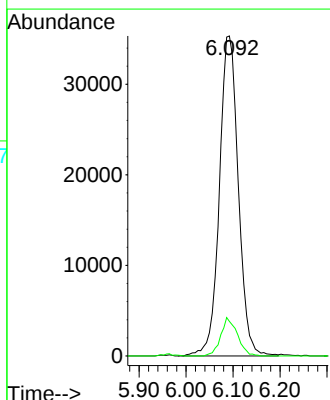
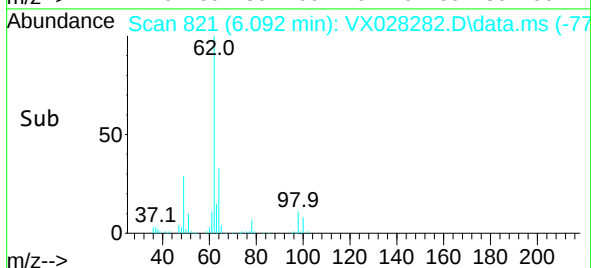
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

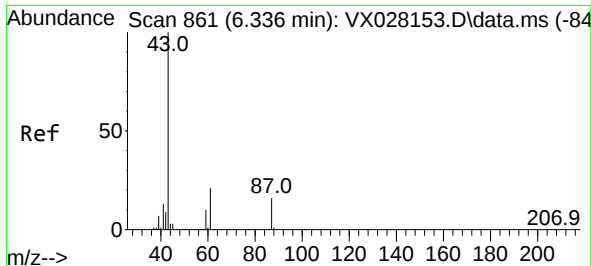


#42
1,2-Dichloroethane
Concen: 16.978 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



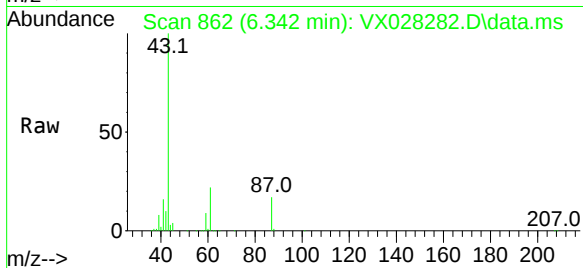
Tgt Ion: 62 Resp: 99191
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 16.638 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

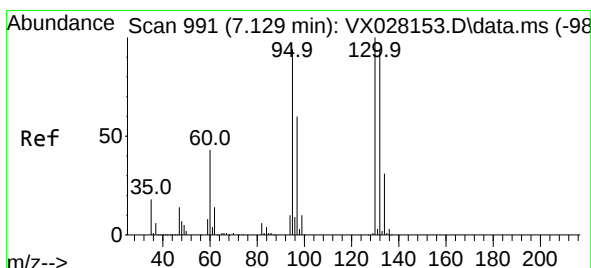
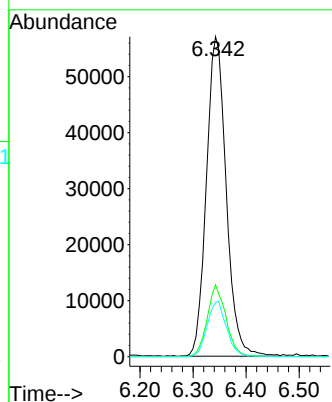
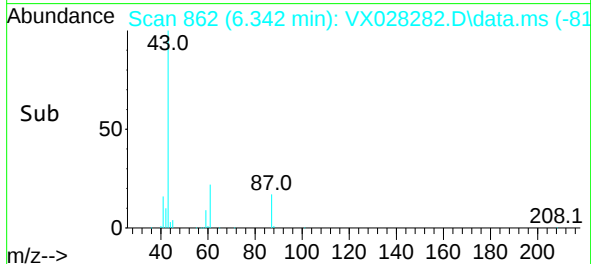
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 43 Resp: 147720
Ion Ratio Lower Upper
43 100
61 21.4 18.5 27.7
87 17.0 13.0 19.6

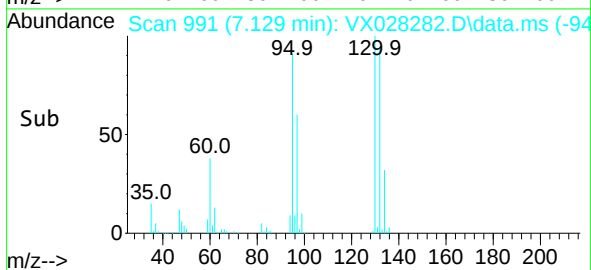
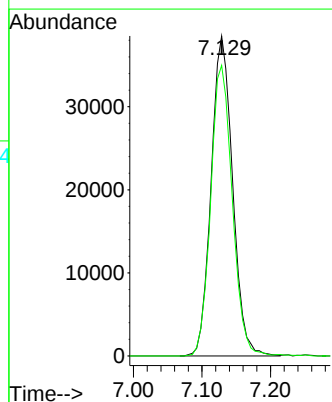
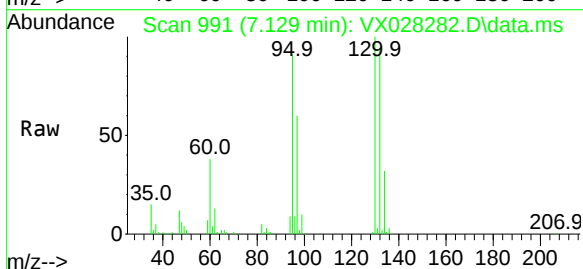
Manual Integrations
APPROVED

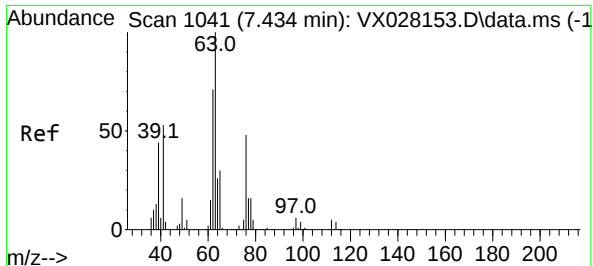
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#44
Trichloroethene
Concen: 18.352 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Tgt Ion:130 Resp: 83760
Ion Ratio Lower Upper
130 100
95 90.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 17.344 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 63 Resp: 66810

Ion Ratio Lower Upper

63 100

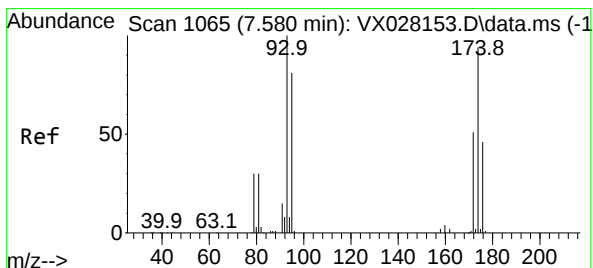
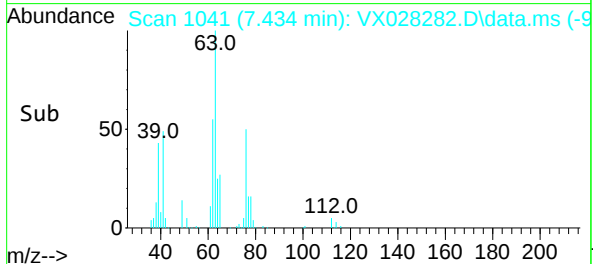
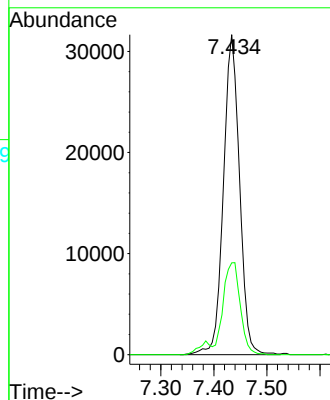
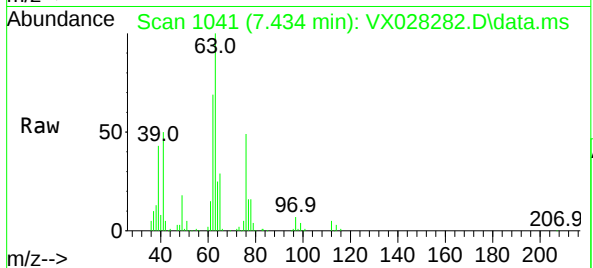
65 28.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#46

Dibromomethane

Concen: 17.525 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

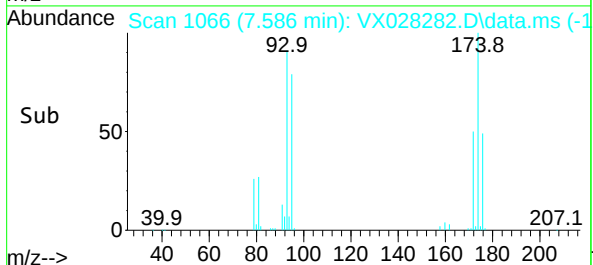
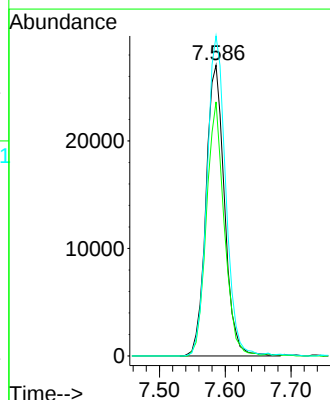
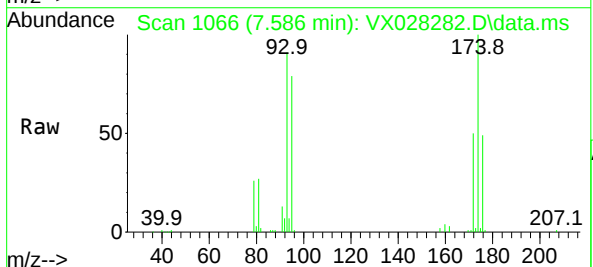
Tgt Ion: 93 Resp: 52961

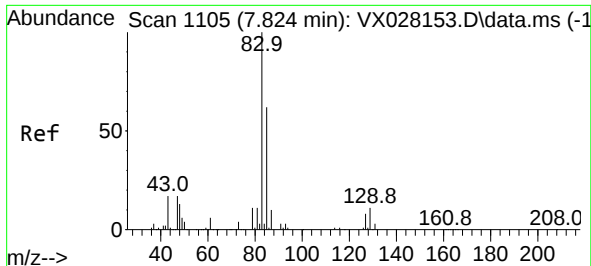
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.6

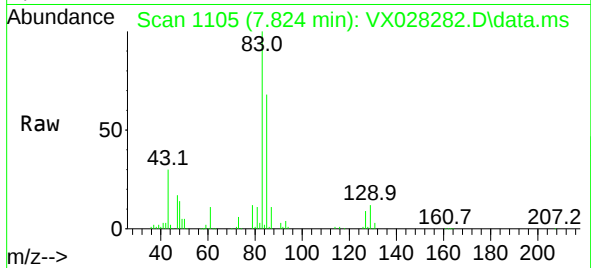
174 111.6 85.4 128.2





#47
Bromodichloromethane
Concen: 15.951 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

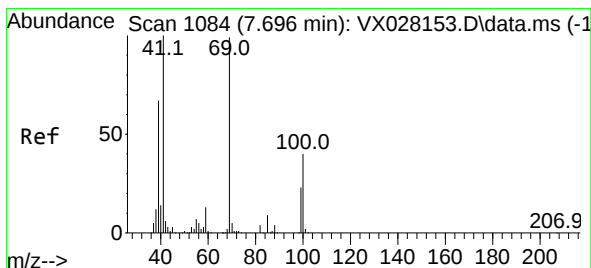
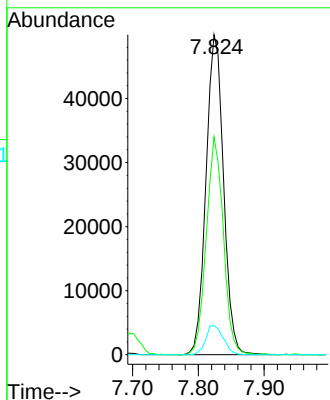
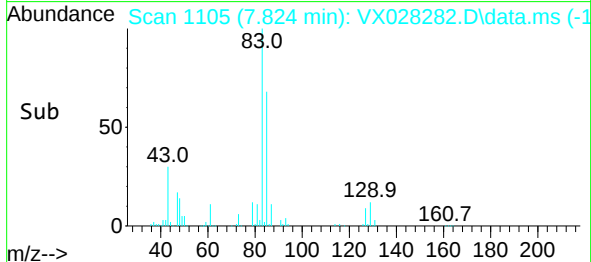
Instrument : MSVOA_X
ClientSampleId : VX0422MBS02



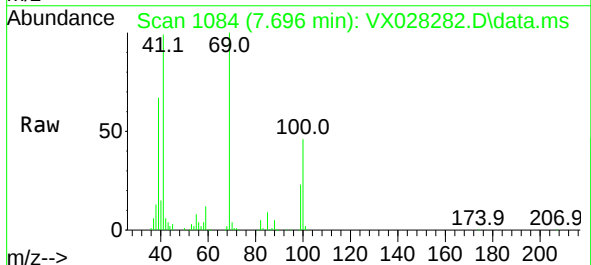
Tgt Ion: 83 Resp: 9264
Ion Ratio Lower Upper
83 100
85 68.0 52.2 78.2
127 9.1 6.8 10.2

Manual Integrations
APPROVED

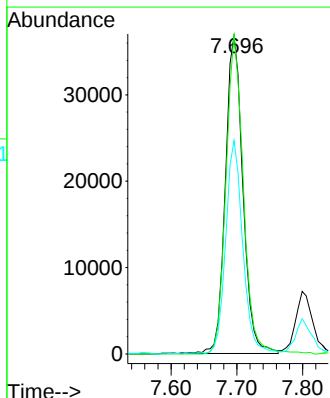
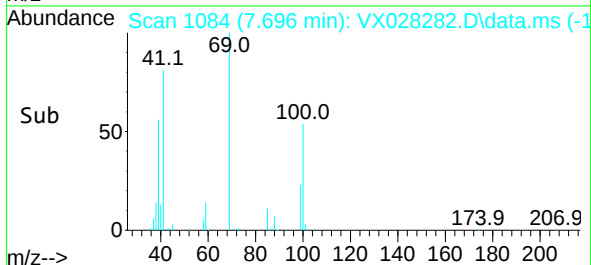
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

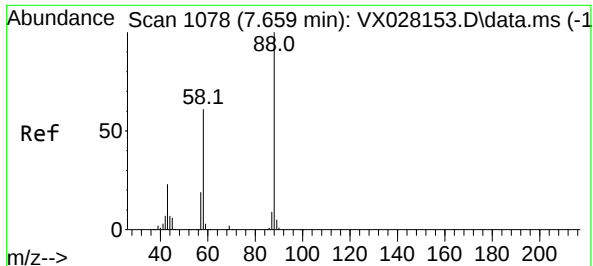


#48
Methyl methacrylate
Concen: 16.744 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



Tgt Ion: 41 Resp: 68255
Ion Ratio Lower Upper
41 100
69 100.0 82.5 123.7
39 66.0 43.8 65.8





#49

1,4-Dioxane

Concen: 379.246 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 88 Resp: 41358

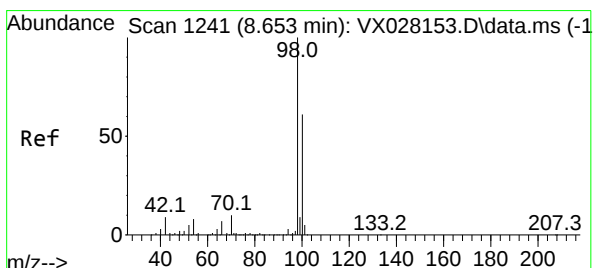
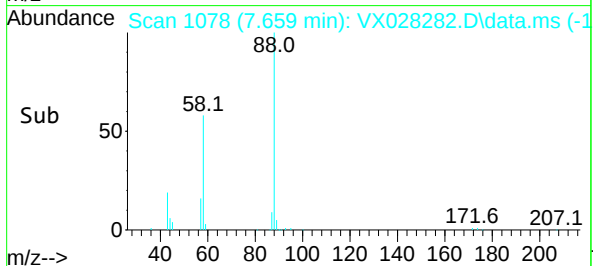
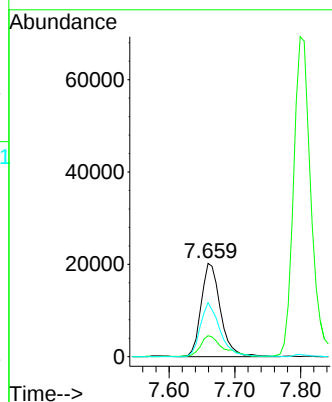
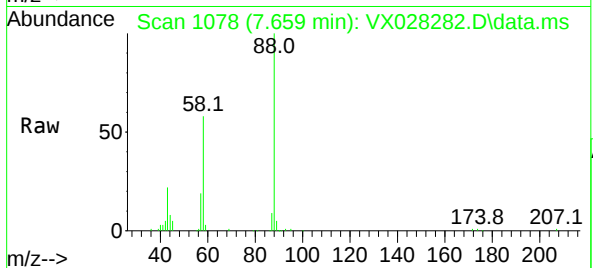
Ion	Ratio	Lower	Upper
88	100		
43	26.8	21.9	32.9
58	58.2	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#50

Toluene-d8

Concen: 46.214 ug/l

RT: 8.653 min Scan# 1241

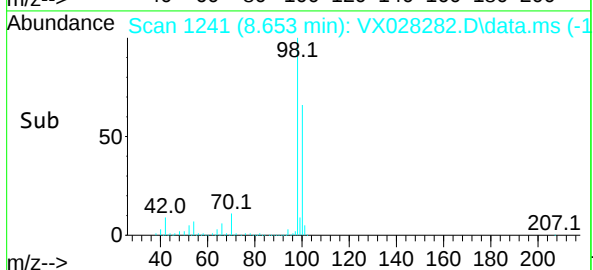
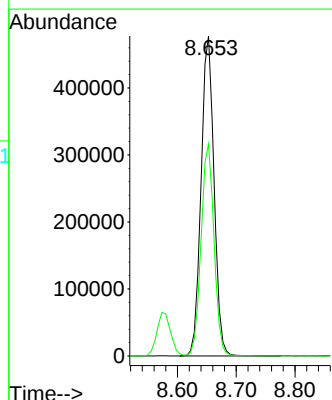
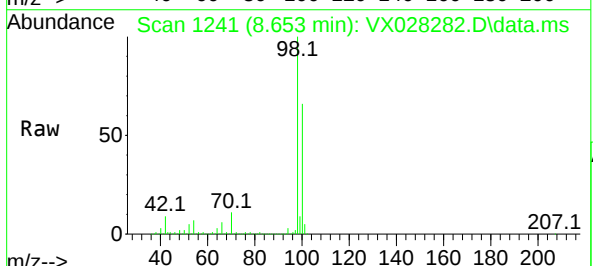
Delta R.T. -0.000 min

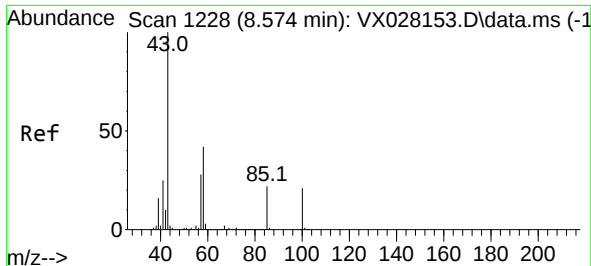
Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Tgt Ion: 98 Resp: 731625

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 86.455 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 43 Resp: 49260

Ion Ratio Lower Upper

43 100

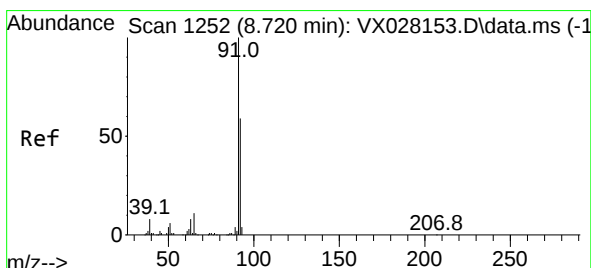
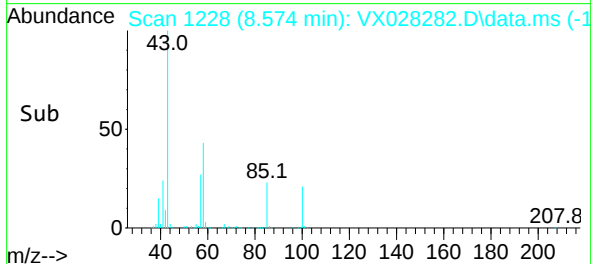
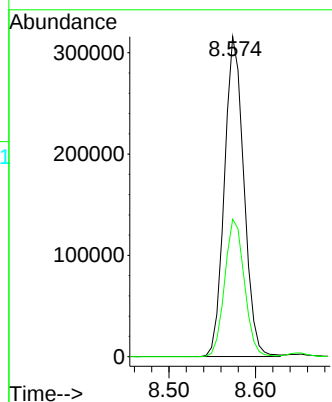
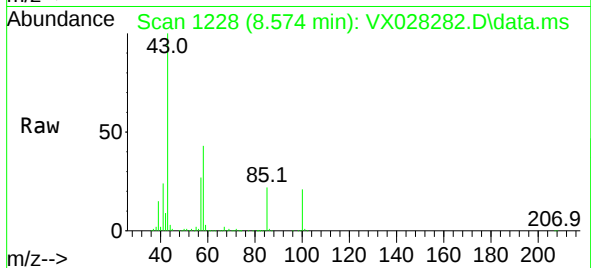
58 43.5 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#52

Toluene

Concen: 16.921 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028282.D

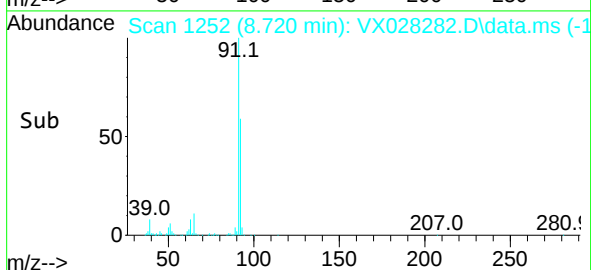
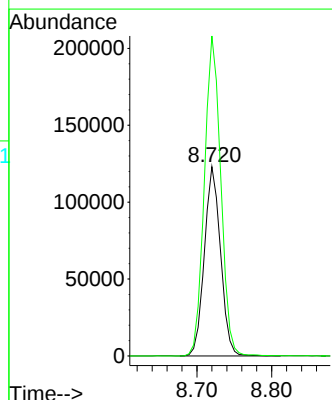
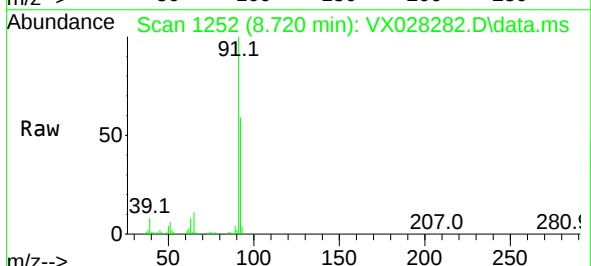
Acq: 22 Apr 2022 16:25

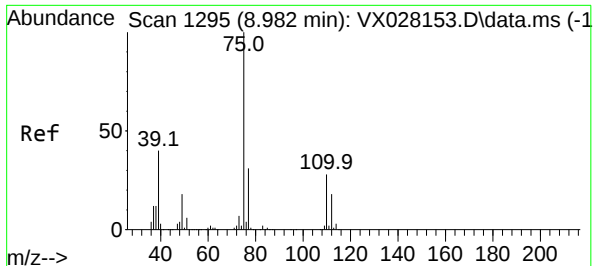
Tgt Ion: 92 Resp: 185017

Ion Ratio Lower Upper

92 100

91 171.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 15.605 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 75 Resp: 96324

Ion Ratio Lower Upper

75 100

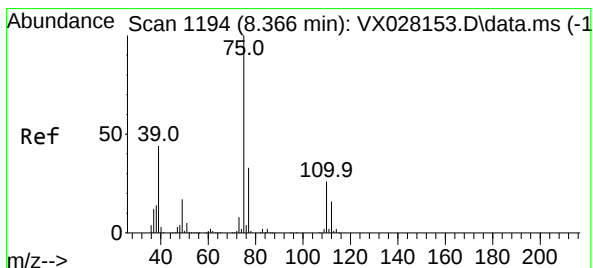
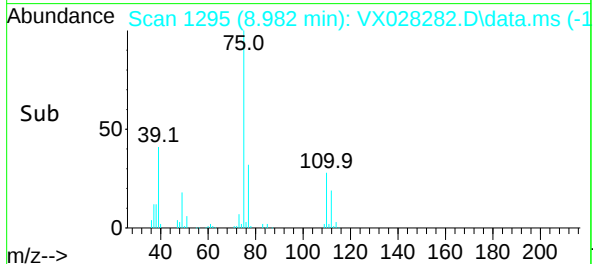
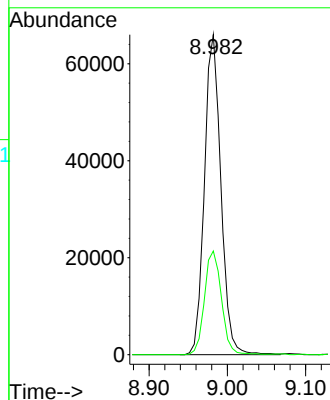
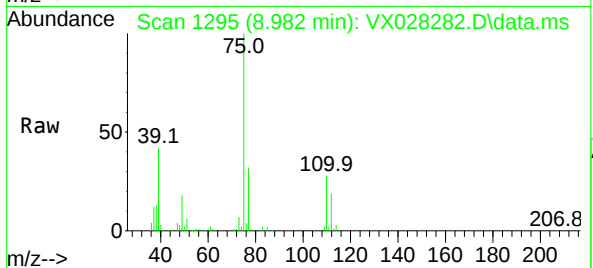
77 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#54

cis-1,3-Dichloropropene

Concen: 16.065 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

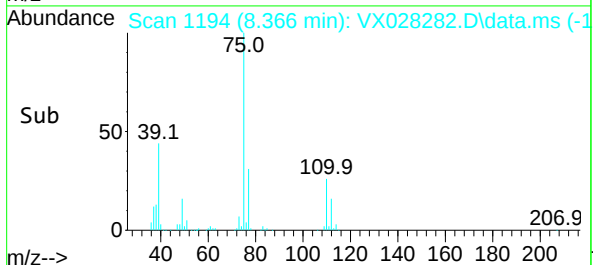
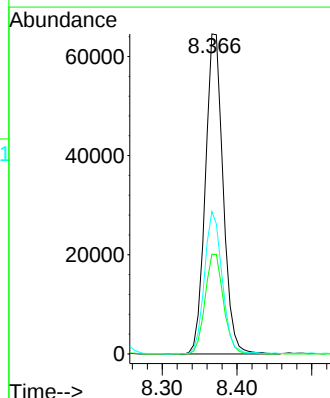
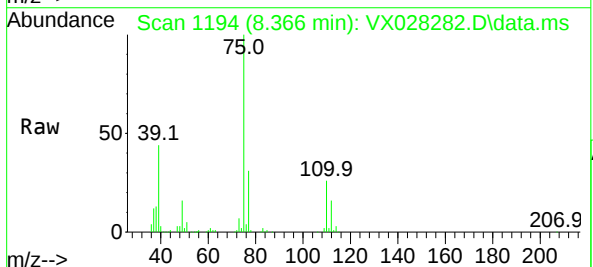
Tgt Ion: 75 Resp: 106492

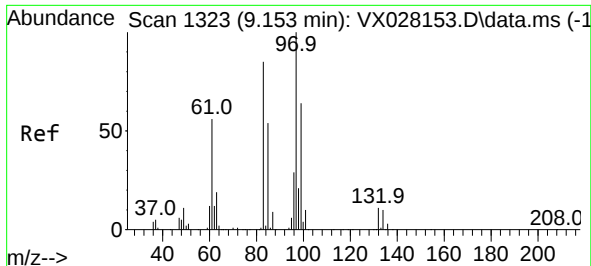
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

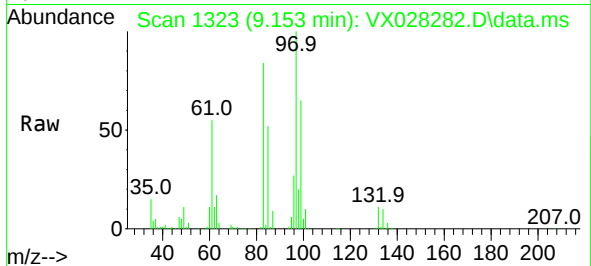
39 44.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 17.584 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

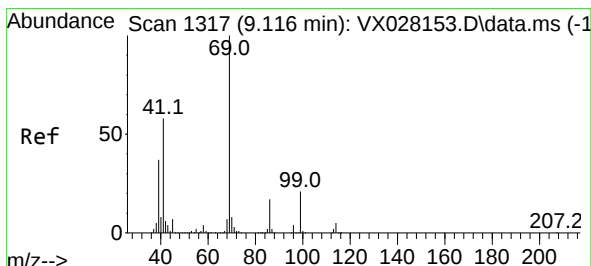
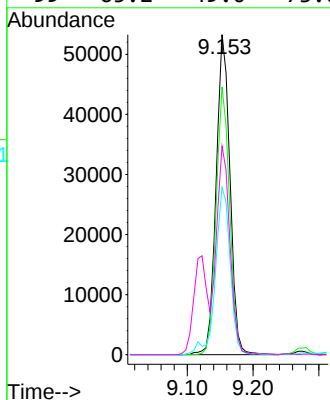
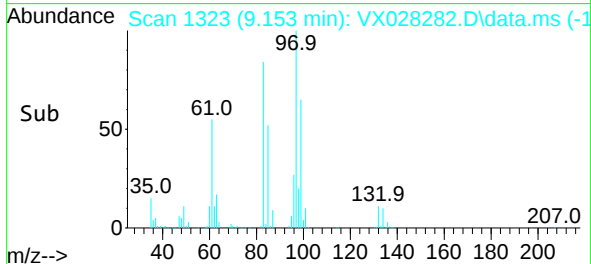
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



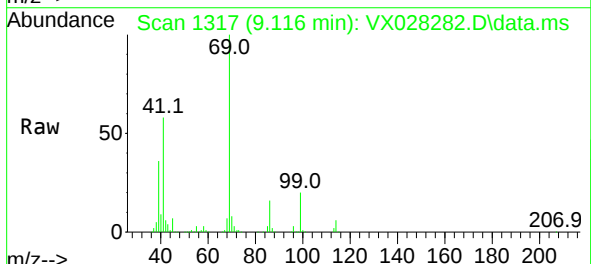
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.2	99.4
85	52.3	42.9	64.3
99	65.2	49.0	73.6

Manual Integrations
APPROVED

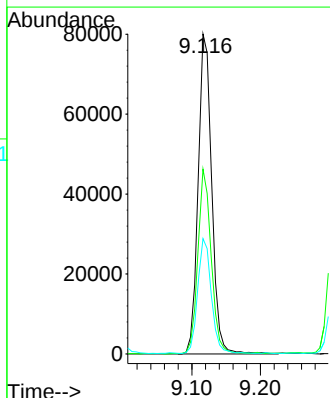
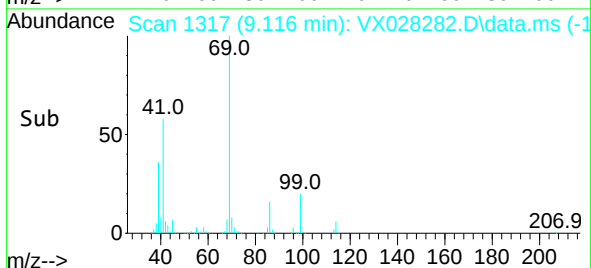
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

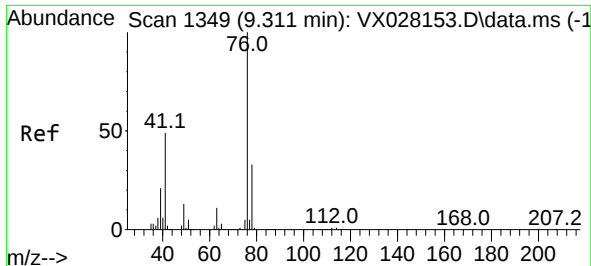


#56
Ethyl methacrylate
Concen: 17.194 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.9	43.8	65.6
39	35.8	22.2	33.2





#57

1,3-Dichloropropane

Concen: 17.388 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 76 Resp: 12468

Ion Ratio Lower Upper

76 100

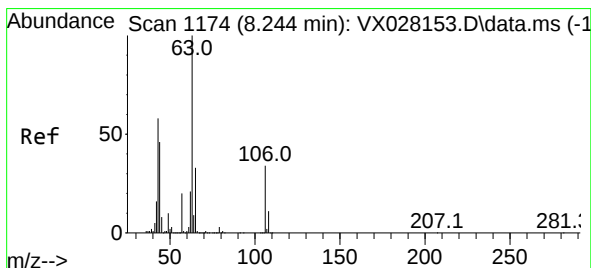
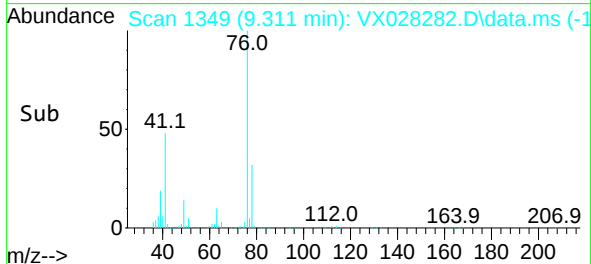
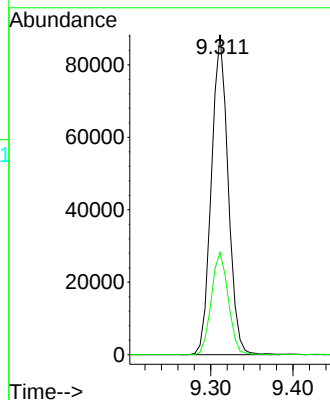
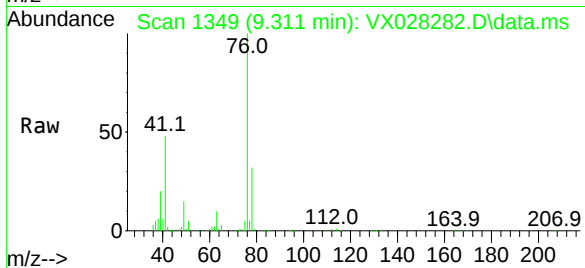
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 91.065 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028282.D

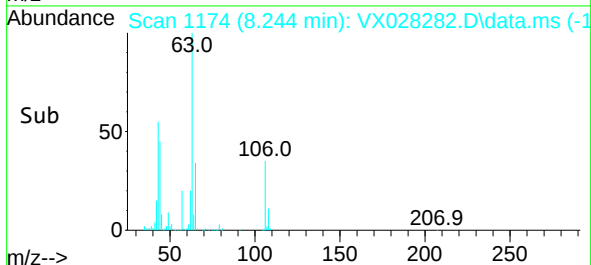
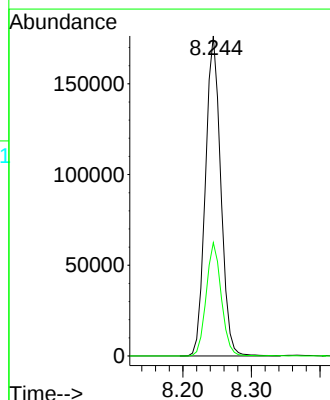
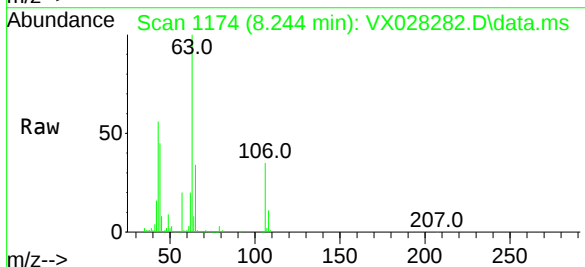
Acq: 22 Apr 2022 16:25

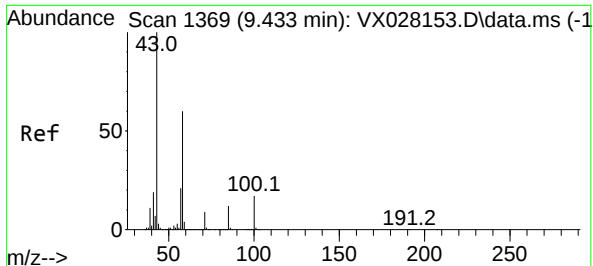
Tgt Ion: 63 Resp: 275155

Ion Ratio Lower Upper

63 100

106 34.7 23.9 35.9





#59

2-Hexanone

Concen: 86.380 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 43 Resp: 381244

Ion Ratio Lower Upper

43 100

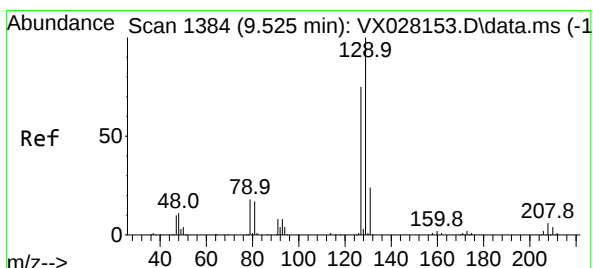
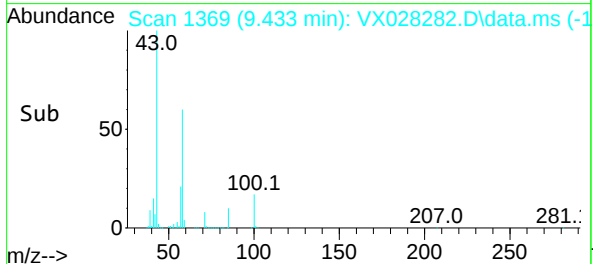
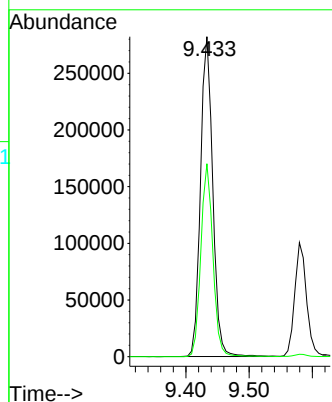
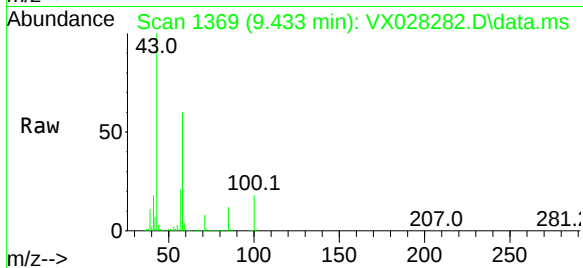
58 59.4 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#60

Dibromochloromethane

Concen: 16.089 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028282.D

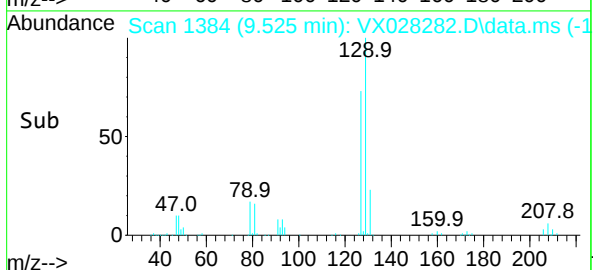
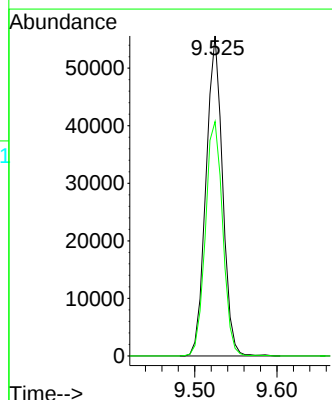
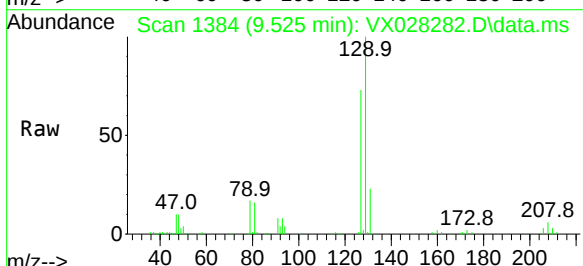
Acq: 22 Apr 2022 16:25

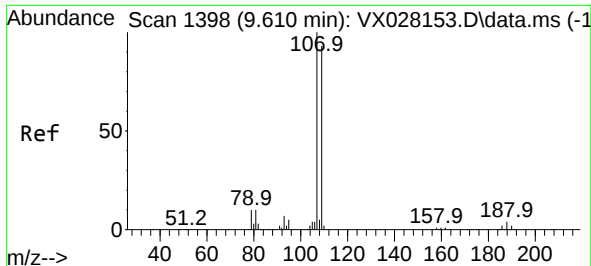
Tgt Ion:129 Resp: 77922

Ion Ratio Lower Upper

129 100

127 76.1 40.3 120.8





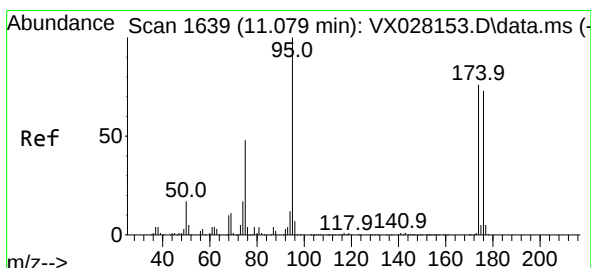
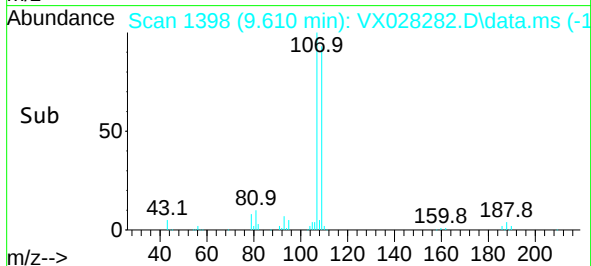
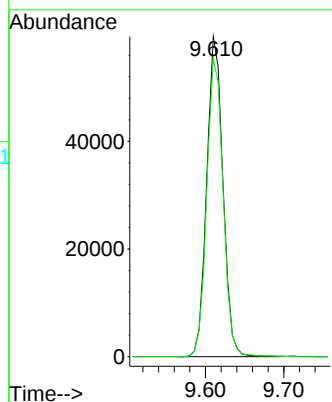
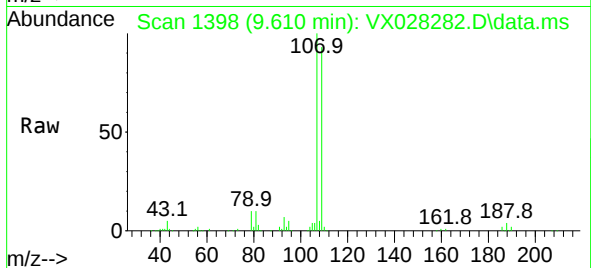
#61
1,2-Dibromoethane
Concen: 17.485 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02

Tgt Ion:107 Resp: 85218
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6

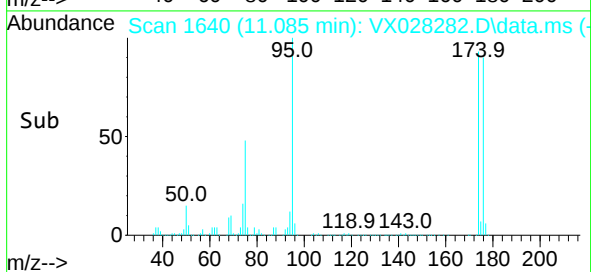
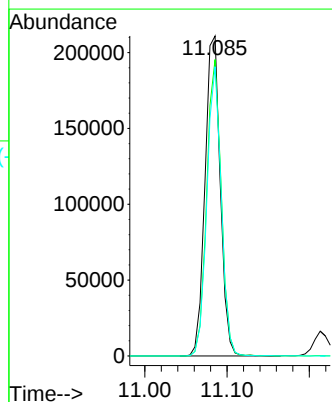
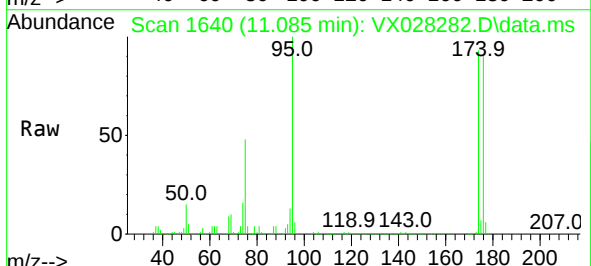
Manual Integrations
APPROVED

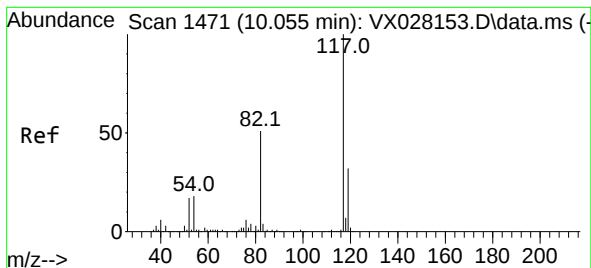
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#62
4-Bromofluorobenzene
Concen: 44.834 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

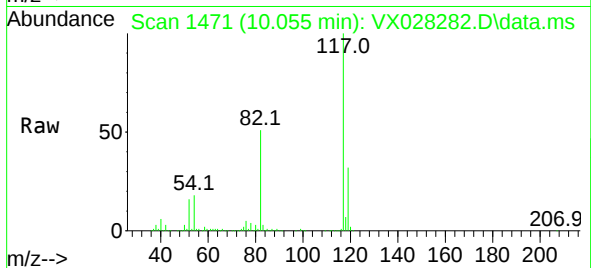
Tgt Ion: 95 Resp: 271394
Ion Ratio Lower Upper
95 100
174 88.4 0.0 163.0
176 85.3 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

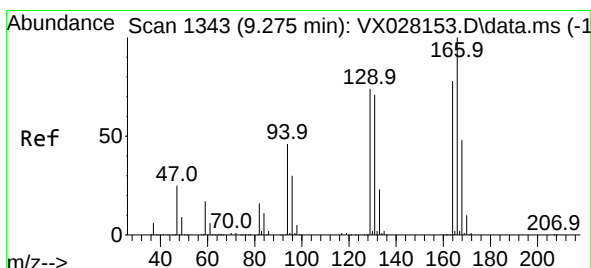
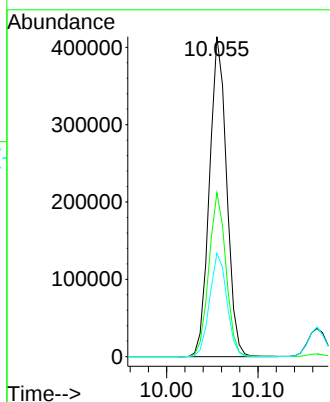
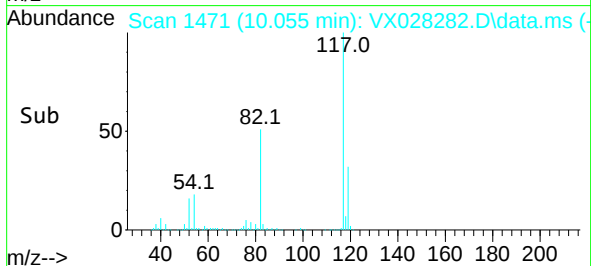
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion:117 Resp: 53960
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.3 24.8 37.2

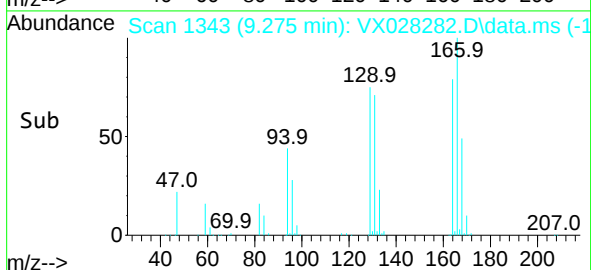
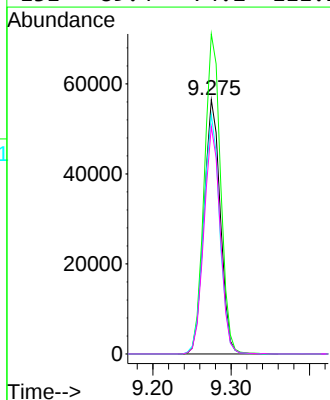
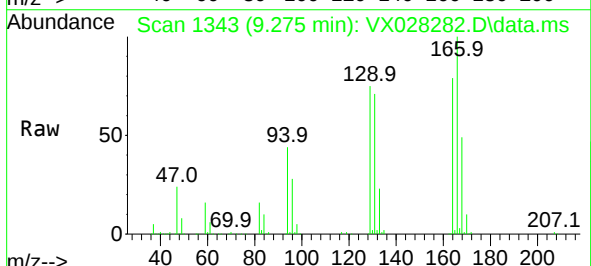
Manual Integrations
APPROVED

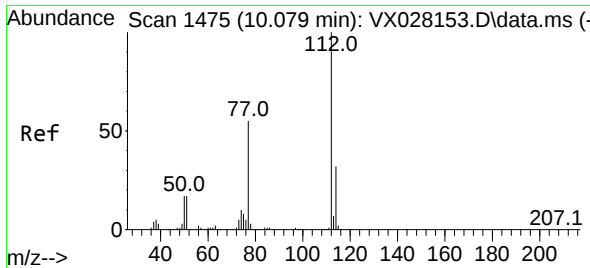
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#64
Tetrachloroethene
Concen: 19.322 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

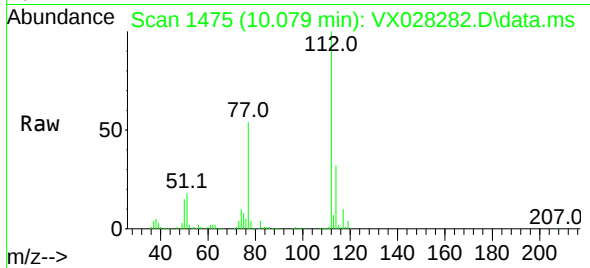
Tgt Ion:164 Resp: 81438
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 94.1 73.0 109.4
131 89.4 74.2 111.2





#65
Chlorobenzene
Concen: 18.348 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

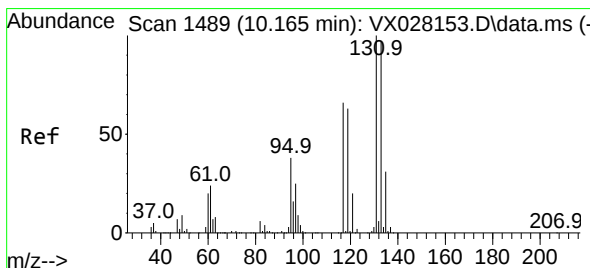
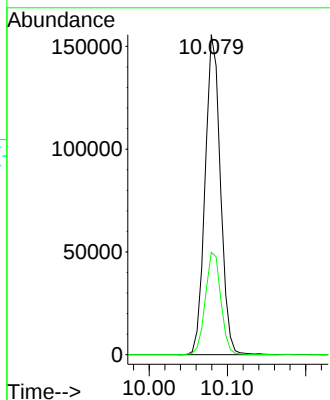
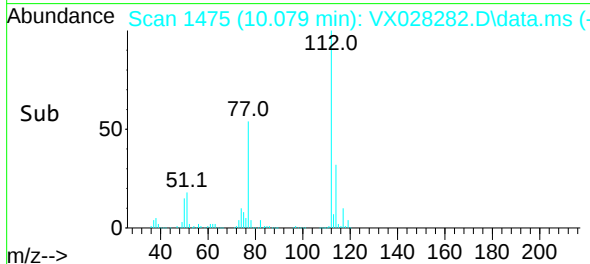
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



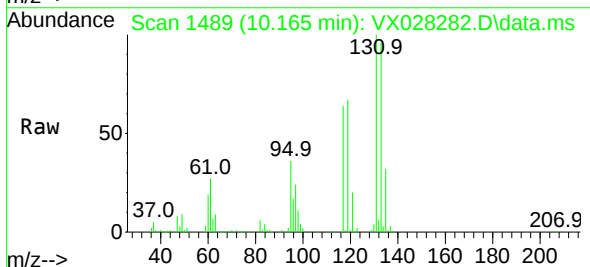
Tgt Ion:112 Resp: 211090
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

Manual Integrations
APPROVED

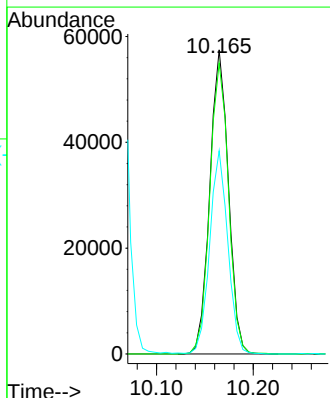
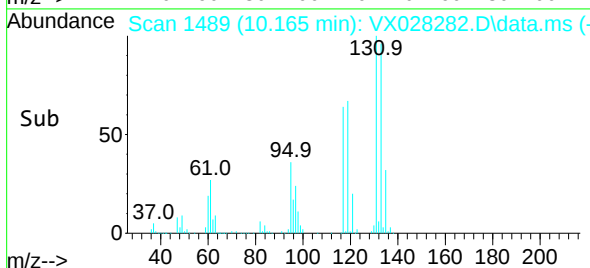
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

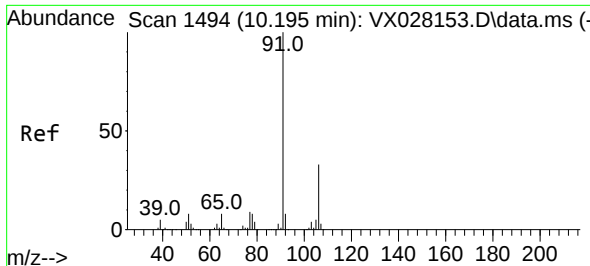


#66
1,1,1,2-Tetrachloroethane
Concen: 17.951 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



Tgt Ion:131 Resp: 76932
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.8
119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 18.455 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion: 91 Resp: 356029

Ion Ratio Lower Upper

91 100

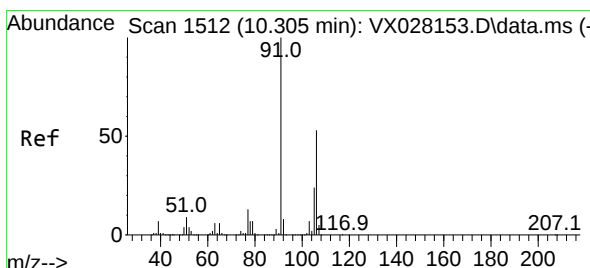
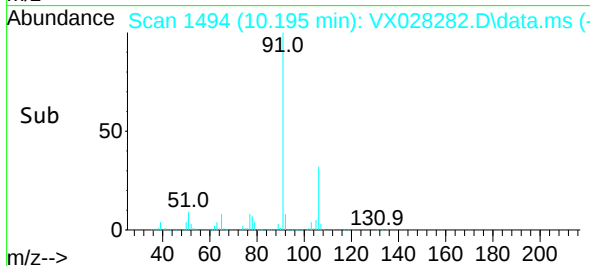
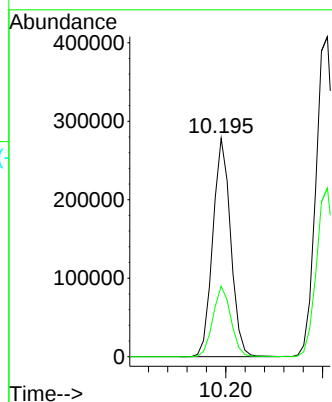
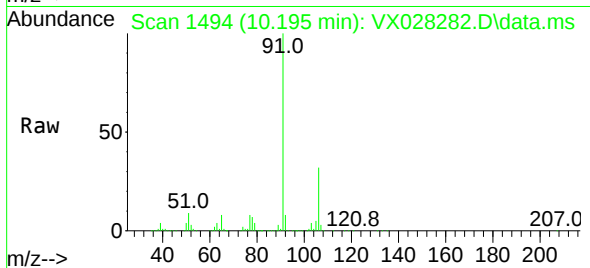
106 32.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#68

m/p-Xylenes

Concen: 37.012 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028282.D

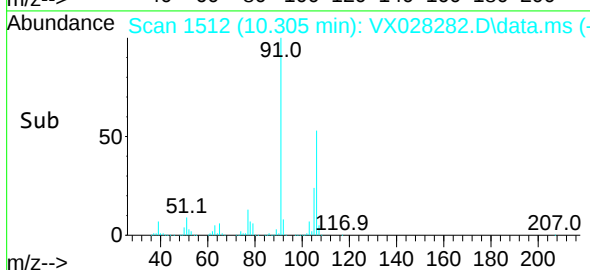
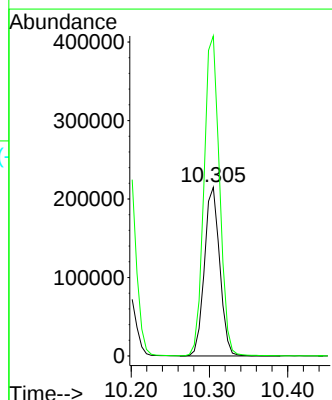
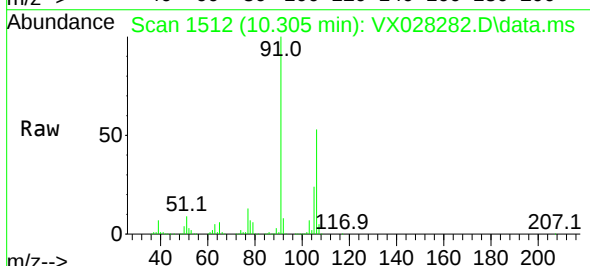
Acq: 22 Apr 2022 16:25

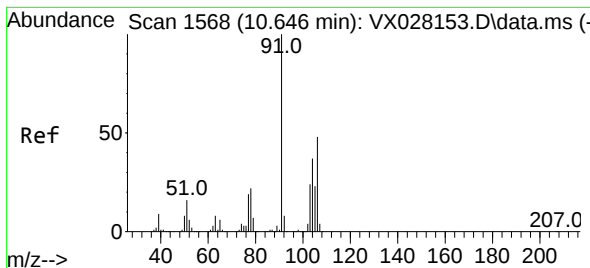
Tgt Ion:106 Resp: 290597

Ion Ratio Lower Upper

106 100

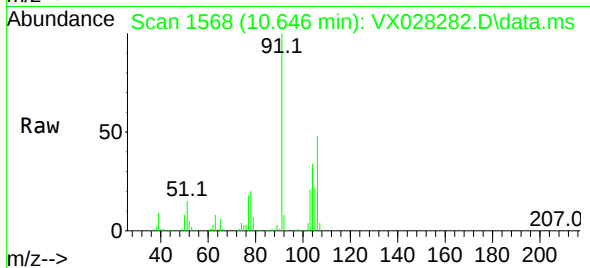
91 193.1 160.4 240.6





#69
o-Xylene
Concen: 18.387 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

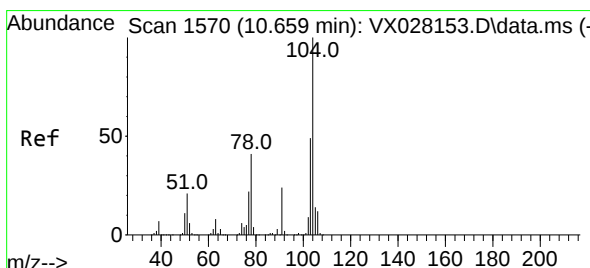
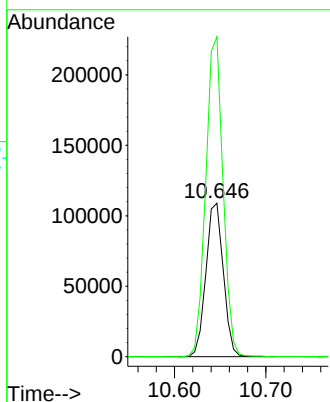
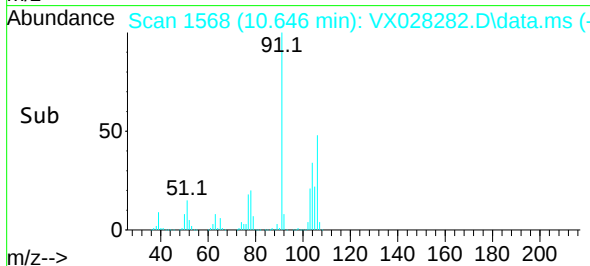
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion:106 Resp: 143938
Ion Ratio Lower Upper
106 100
91 206.3 106.1 318.1

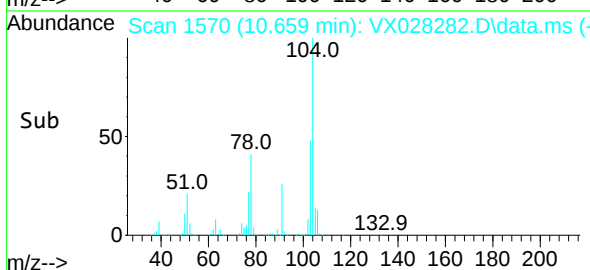
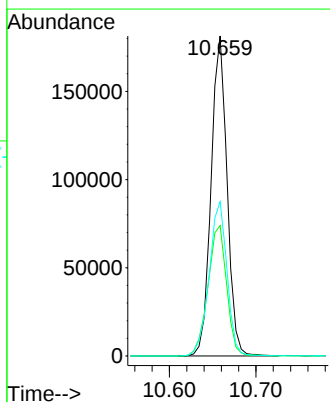
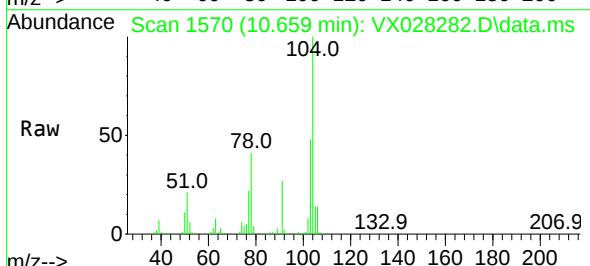
Manual Integrations
APPROVED

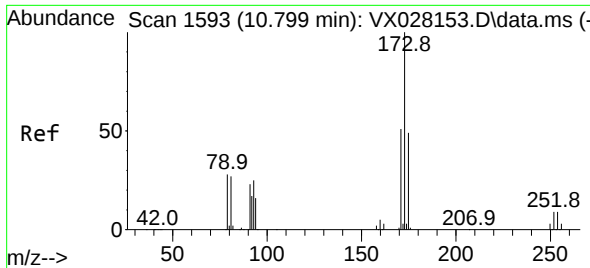
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#70
Styrene
Concen: 18.355 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

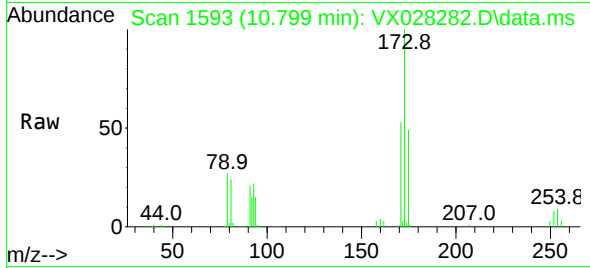
Tgt Ion:104 Resp: 232782
Ion Ratio Lower Upper
104 100
78 47.6 38.6 57.8
103 53.9 43.8 65.8





#71
Bromoform
Concen: 16.826 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

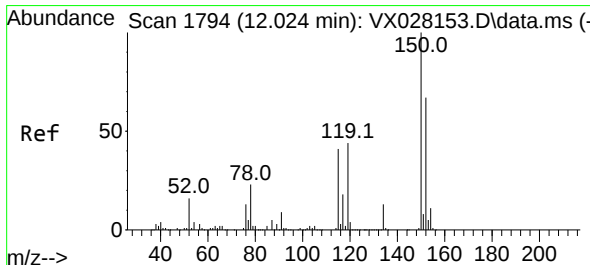
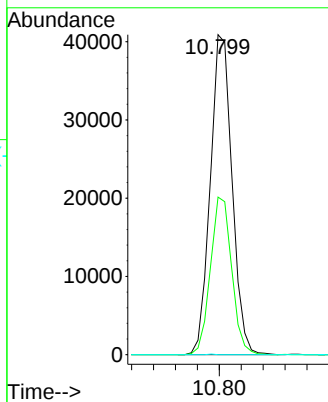
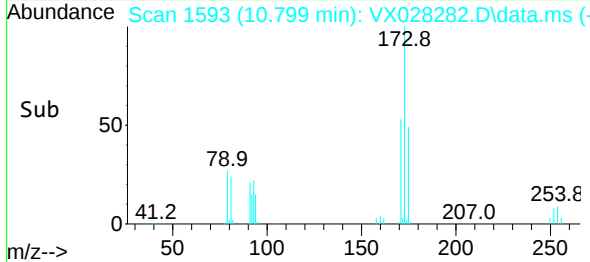
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



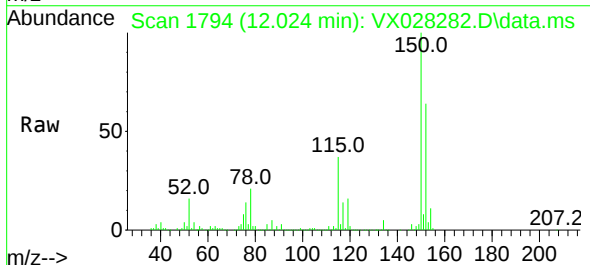
Tgt Ion:173 Resp: 56438
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

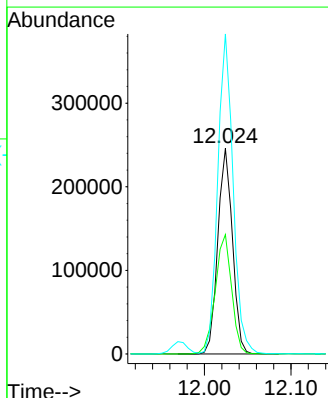
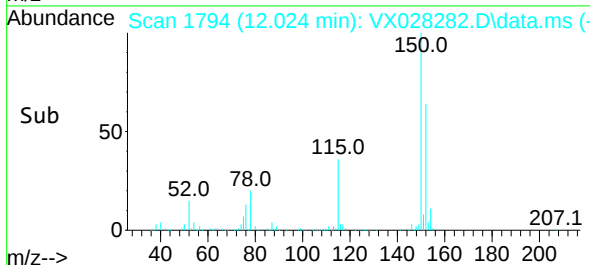
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

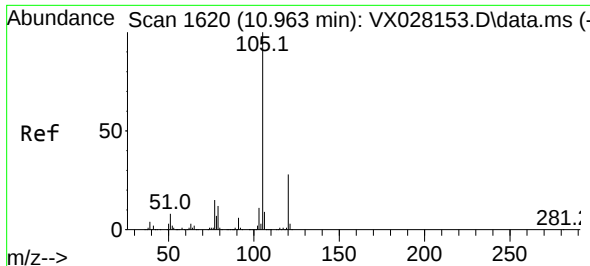


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



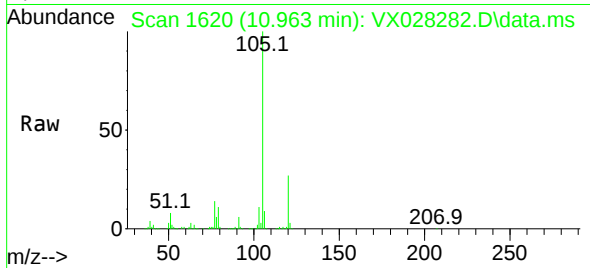
Tgt Ion:152 Resp: 289317
Ion Ratio Lower Upper
152 100
115 64.7 37.5 112.7
150 162.8 0.0 338.2





#73
Isopropylbenzene
Concen: 18.850 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

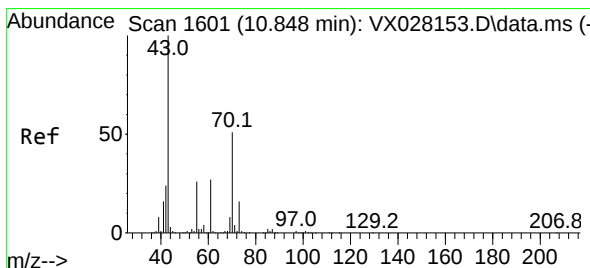
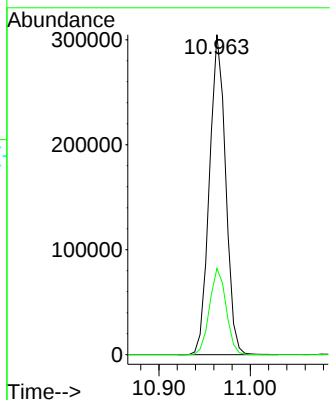
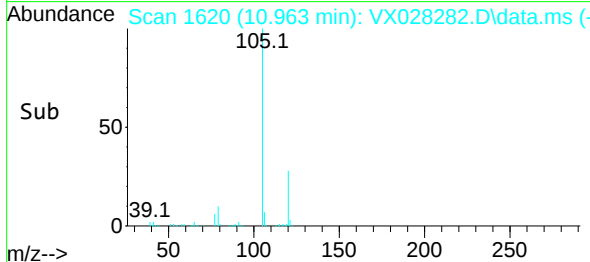
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



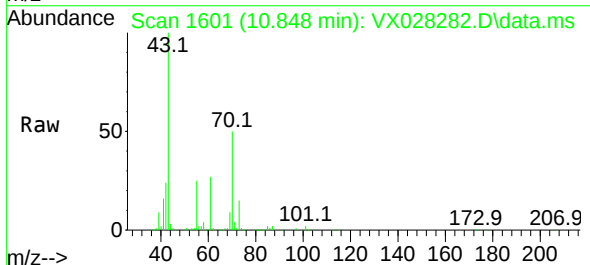
Tgt Ion:105 Resp: 374849
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

Manual Integrations
APPROVED

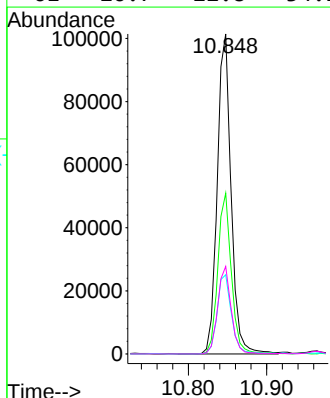
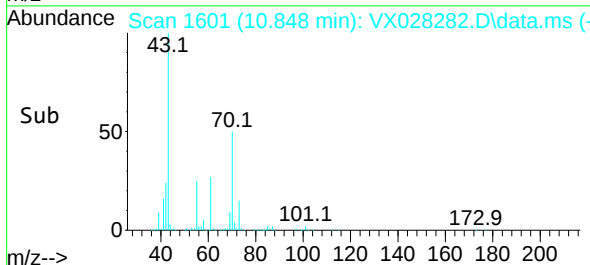
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

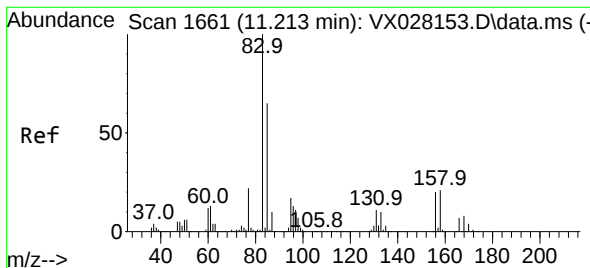


#74
N-ethyl acetate
Concen: 18.157 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



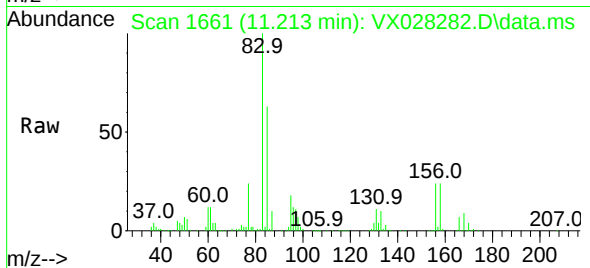
Tgt Ion: 43 Resp: 124798
Ion Ratio Lower Upper
43 100
70 49.2 42.5 63.7
55 25.7 23.1 34.7
61 26.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.615 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

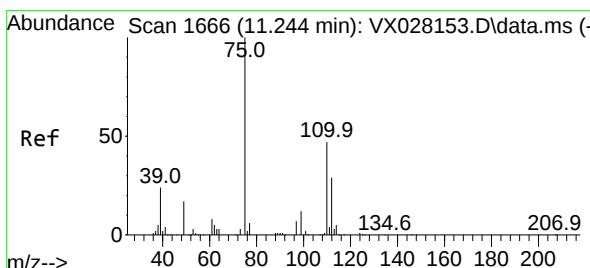
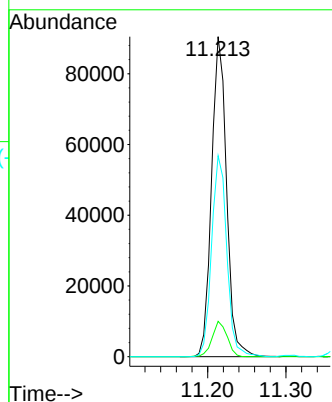
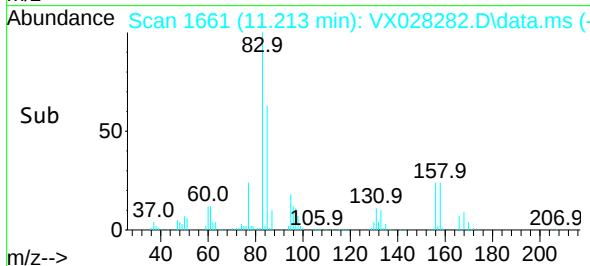
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



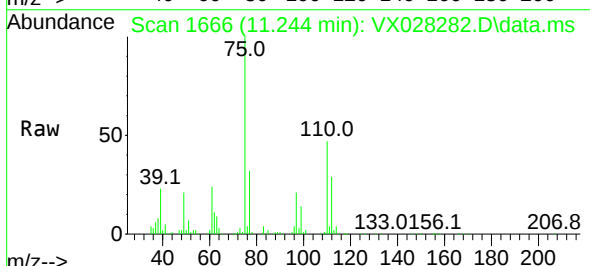
Tgt Ion: 83 Resp: 120125
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 63.6 32.6 97.7

Manual Integrations
APPROVED

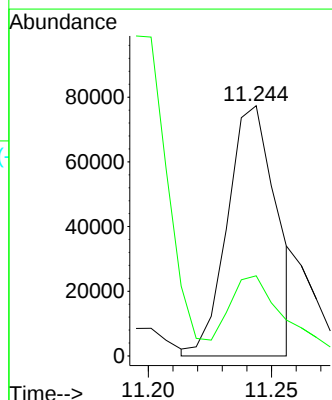
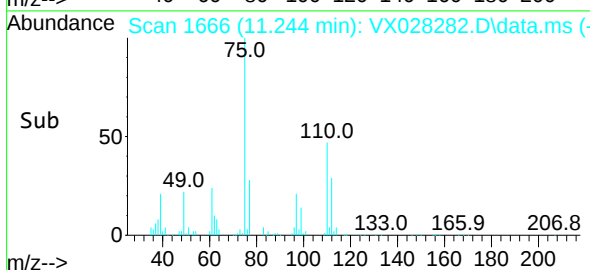
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

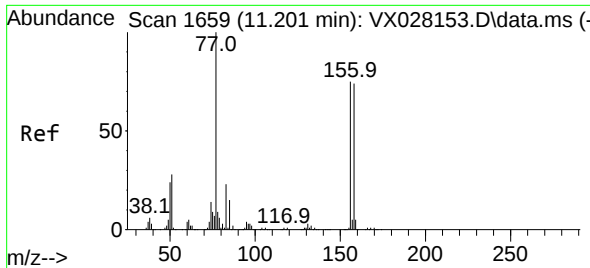


#76
1,2,3-Trichloropropane
Concen: 18.747 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



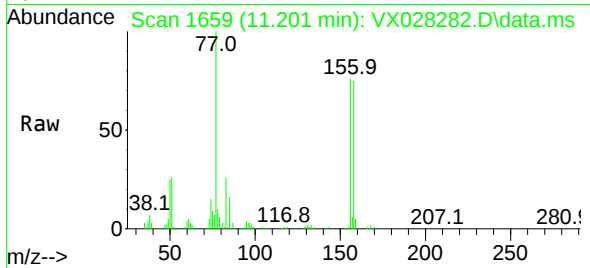
Tgt Ion: 75 Resp: 106745
Ion Ratio Lower Upper
75 100
77 36.5 19.4 58.2





#77
Bromobenzene
Concen: 18.624 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

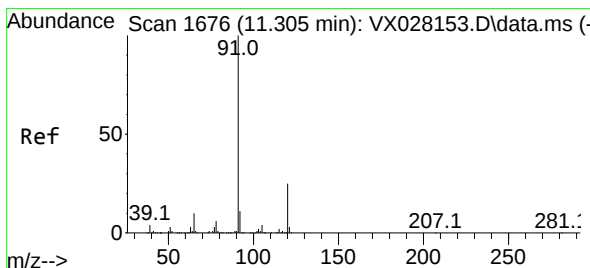
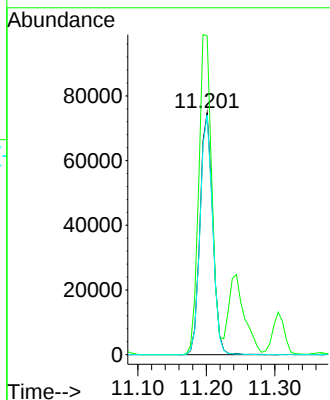
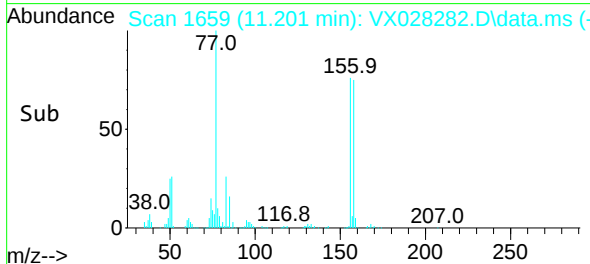
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



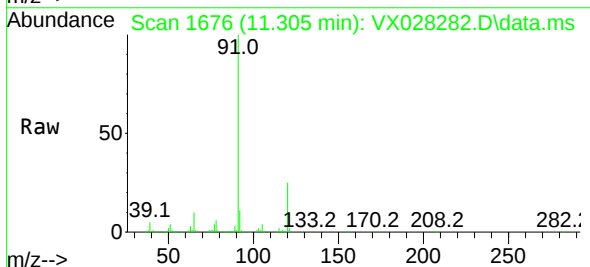
Tgt Ion:156 Resp: 96458
Ion Ratio Lower Upper
156 100
77 137.1 78.5 235.3
158 98.0 50.2 150.7

Manual Integrations
APPROVED

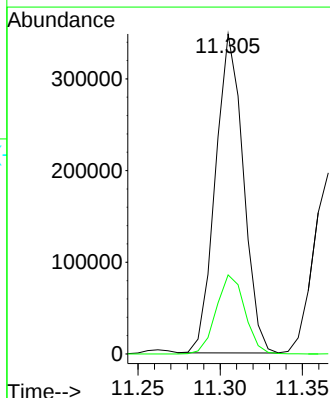
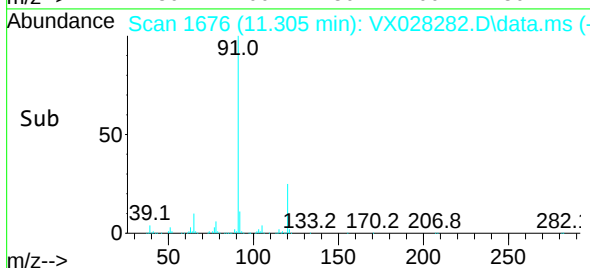
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

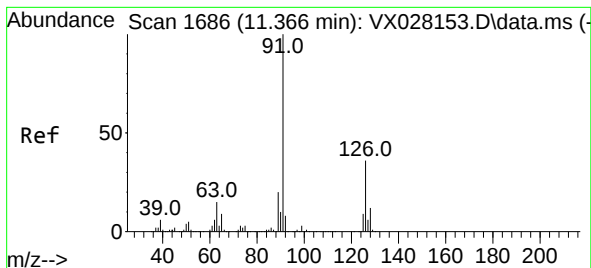


#78
n-propylbenzene
Concen: 18.630 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



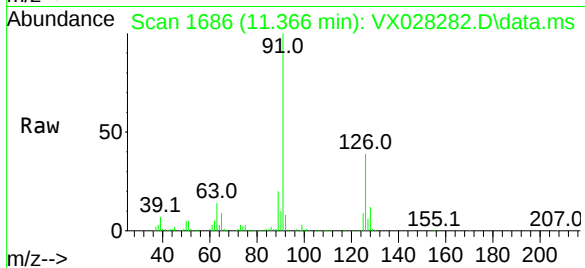
Tgt Ion: 91 Resp: 410804
Ion Ratio Lower Upper
91 100
120 25.4 11.6 34.8





#79
2-Chlorotoluene
Concen: 18.198 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

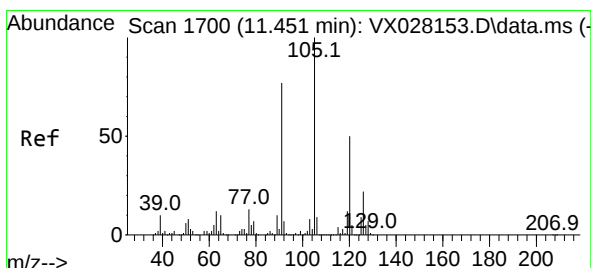
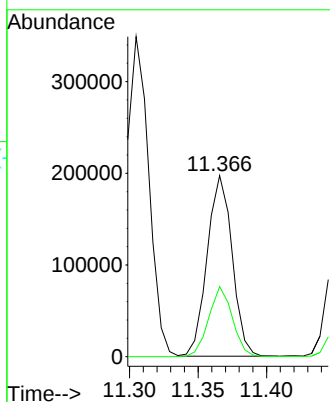
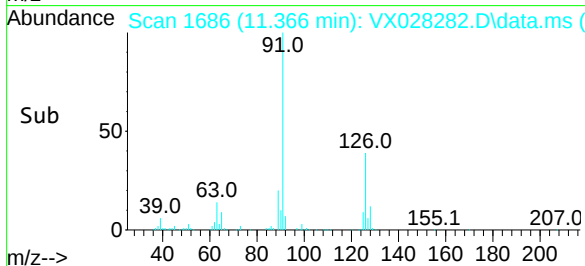
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



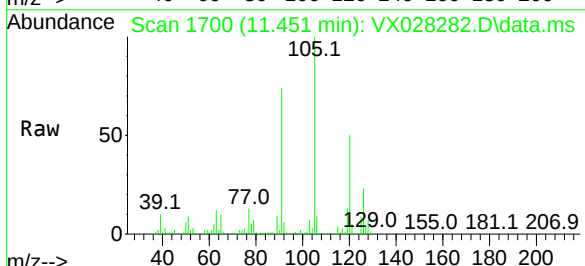
Tgt Ion: 91 Resp: 249474
Ion Ratio Lower Upper
91 100
126 36.9 17.3 51.9

Manual Integrations
APPROVED

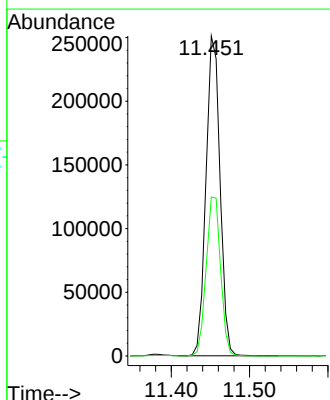
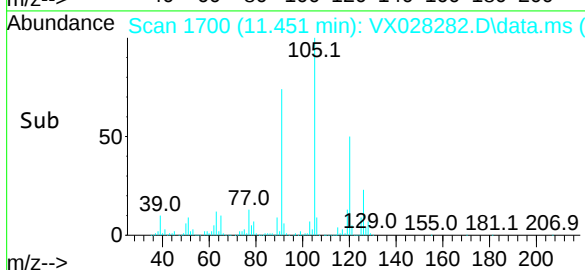
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

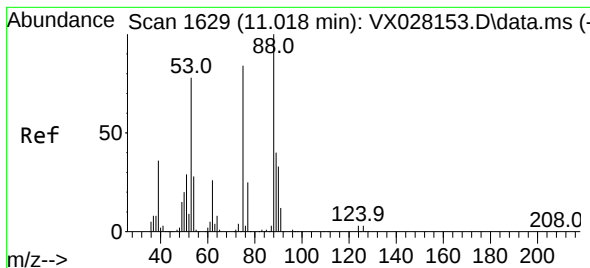


#80
1,3,5-Trimethylbenzene
Concen: 18.485 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



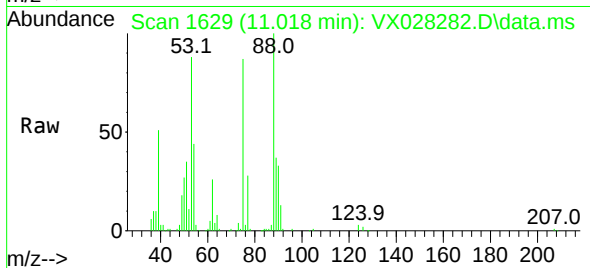
Tgt Ion:105 Resp: 312033
Ion Ratio Lower Upper
105 100
120 51.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 14.677 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

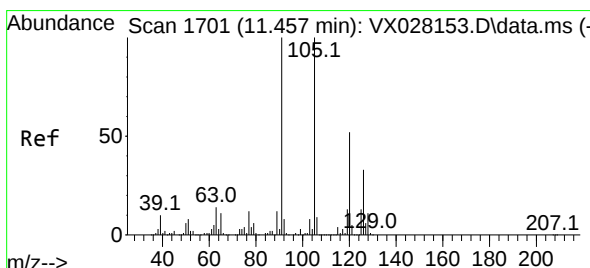
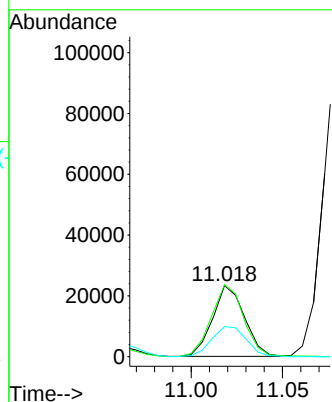
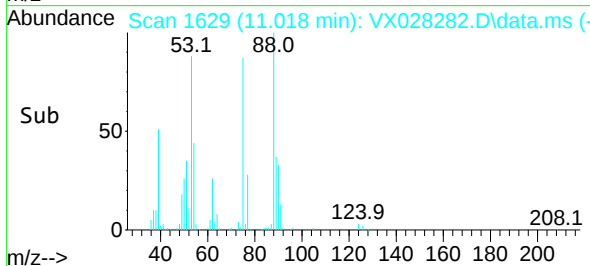
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
53 104.4 69.0 103.4
89 46.8 37.0 55.6

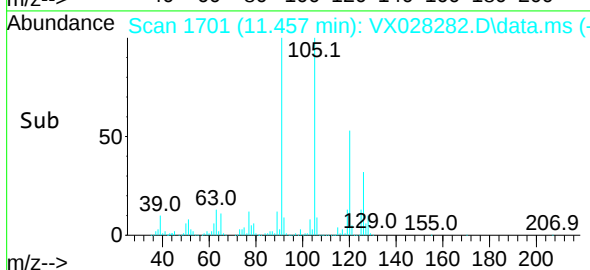
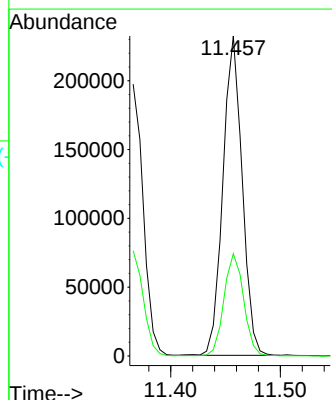
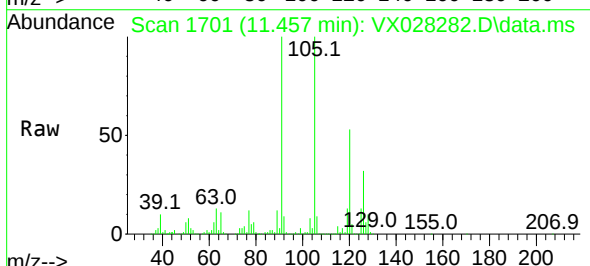
Manual Integrations
APPROVED

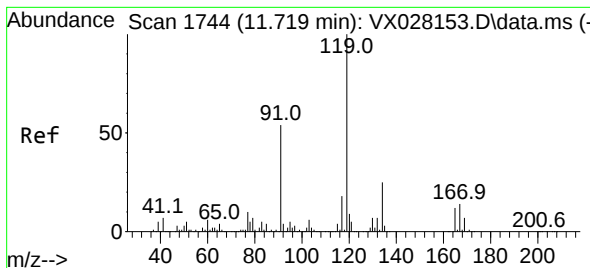
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#82
4-Chlorotoluene
Concen: 17.947 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Tgt Ion: 91 Resp: 283416
Ion Ratio Lower Upper
91 100
126 32.6 14.9 44.5





#83

tert-Butylbenzene

Concen: 18.575 ug/l

RT: 11.719 min Scan# 11744

Delta R.T. 0.000 min

Lab File: VX028282.D

Acq: 22 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422MBS02

Tgt Ion:119 Resp: 32016

Ion Ratio Lower Upper

119 100

91 54.7 26.9 80.6

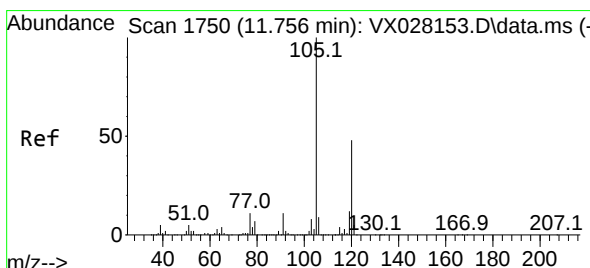
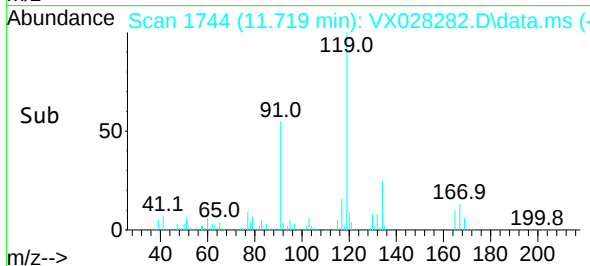
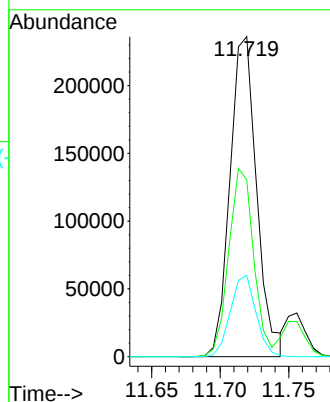
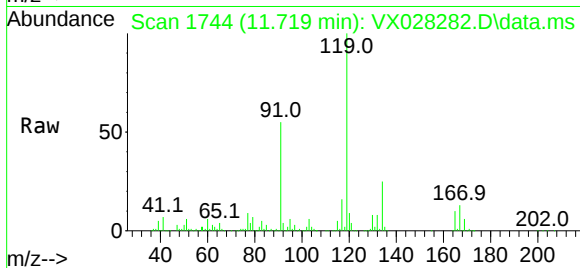
134 24.3 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#84

1,2,4-Trimethylbenzene

Concen: 18.848 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028282.D

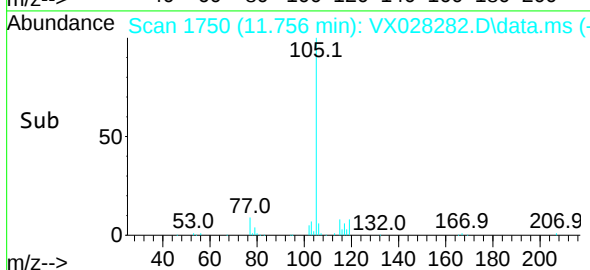
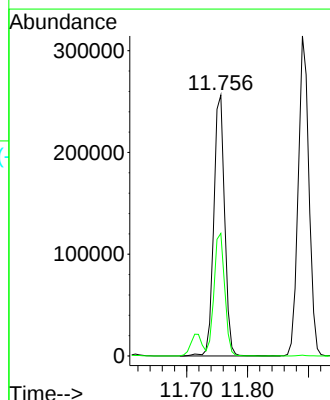
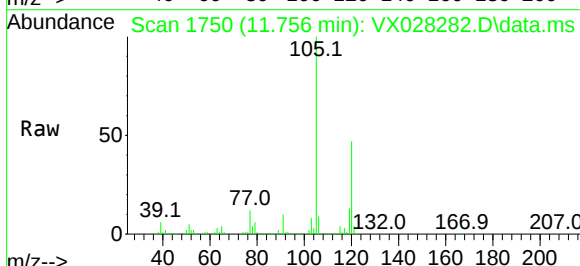
Acq: 22 Apr 2022 16:25

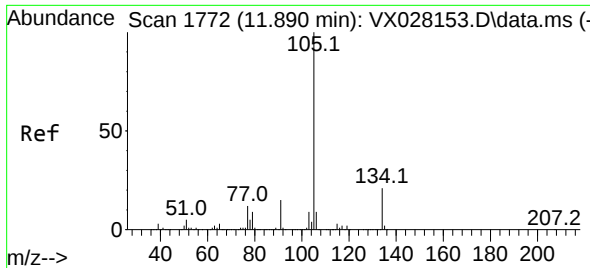
Tgt Ion:105 Resp: 316264

Ion Ratio Lower Upper

105 100

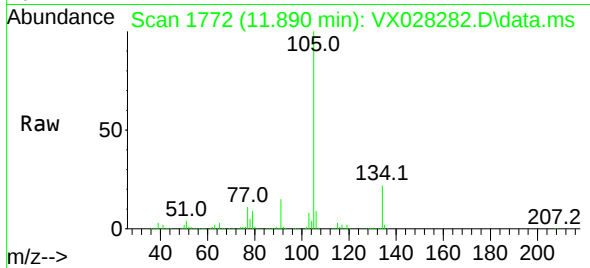
120 46.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 18.521 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028282.D
 Acq: 22 Apr 2022 16:25

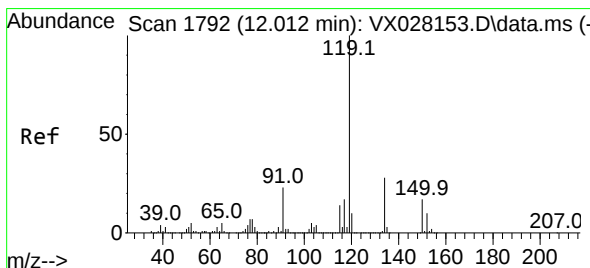
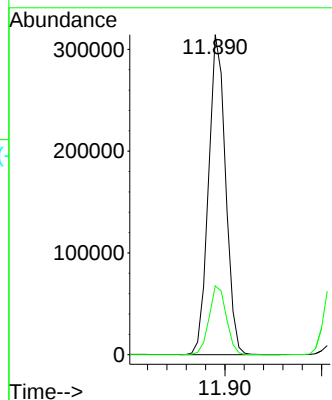
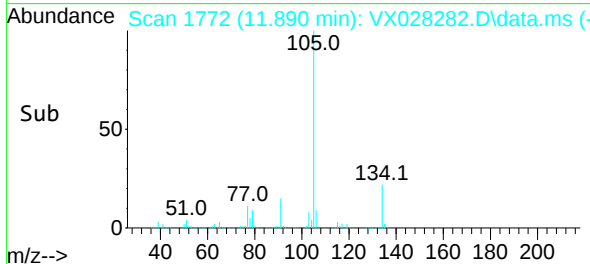
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422MBS02



Tgt Ion:105 Resp: 385152
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.4

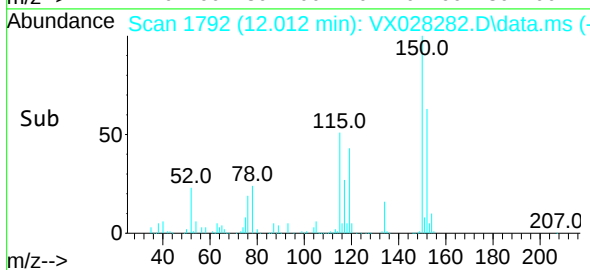
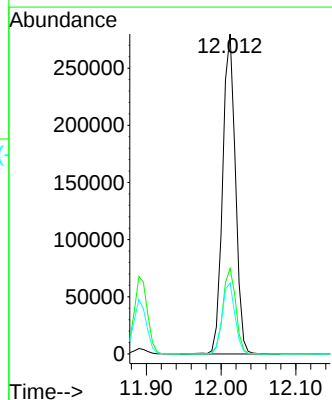
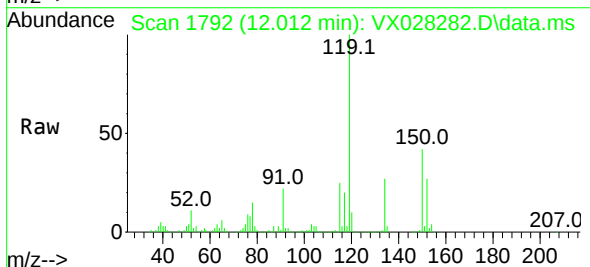
Manual Integrations
 APPROVED

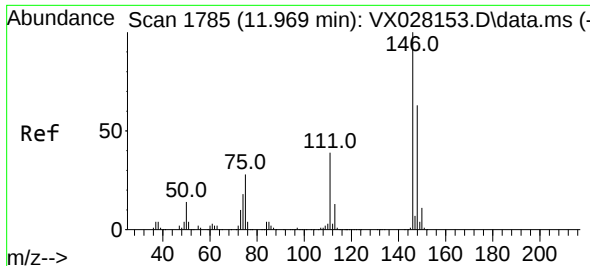
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022



#86
 p-Isopropyltoluene
 Concen: 18.590 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028282.D
 Acq: 22 Apr 2022 16:25

Tgt Ion:119 Resp: 333498
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 22.5 11.3 33.9





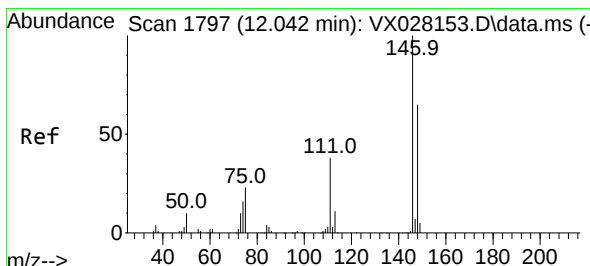
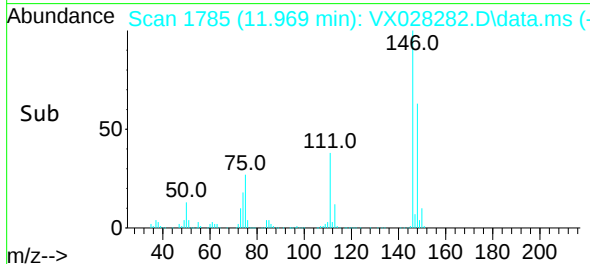
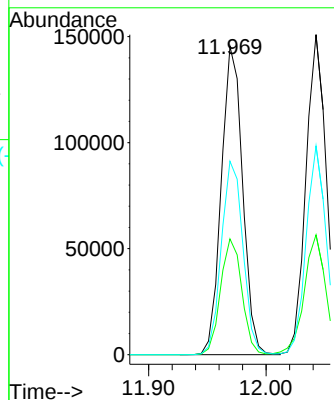
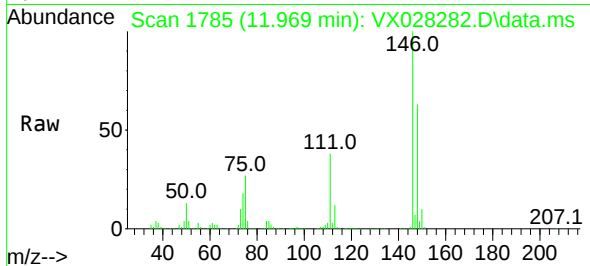
#87
1,3-Dichlorobenzene
Concen: 18.869 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02

Tgt Ion:146 Resp: 18362
Ion Ratio Lower Upper
146 100
111 37.5 19.7 59.1
148 63.7 31.6 94.7

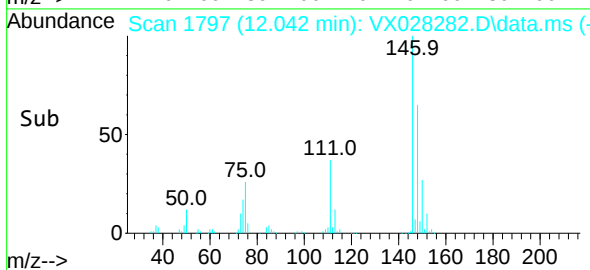
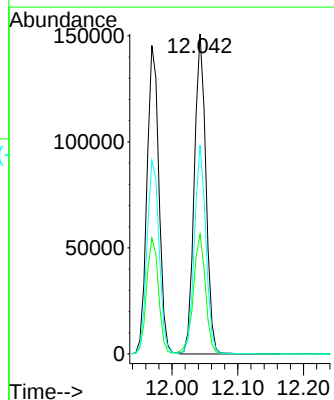
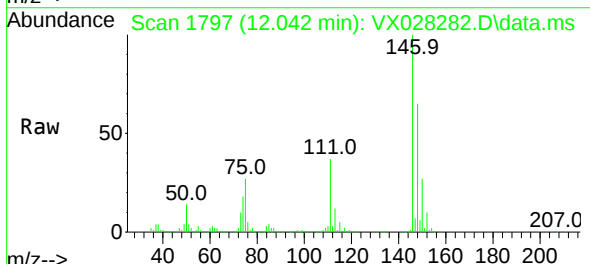
Manual Integrations
APPROVED

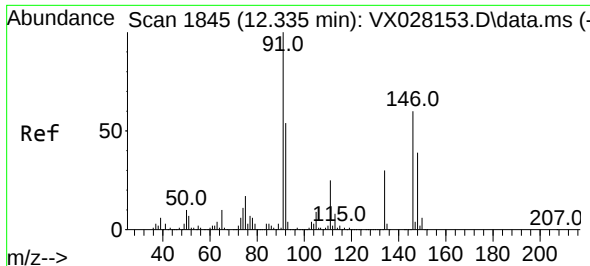
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#88
1,4-Dichlorobenzene
Concen: 18.043 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

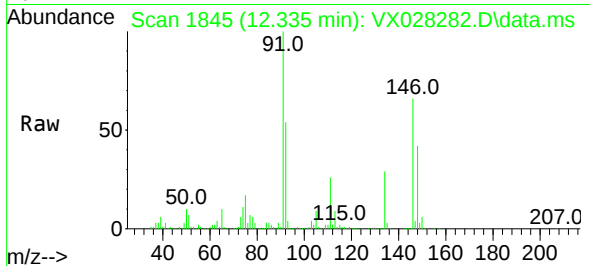
Tgt Ion:146 Resp: 184354
Ion Ratio Lower Upper
146 100
111 39.0 19.2 57.6
148 64.5 32.3 96.9





#89
n-Butylbenzene
Concen: 17.602 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

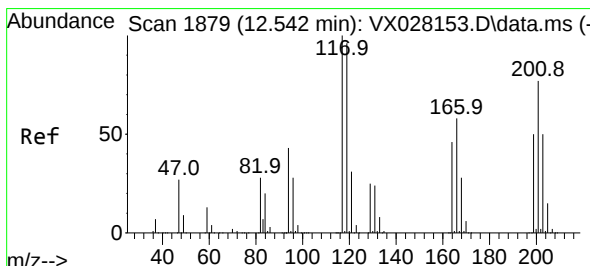
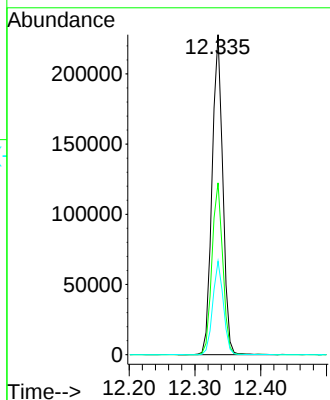
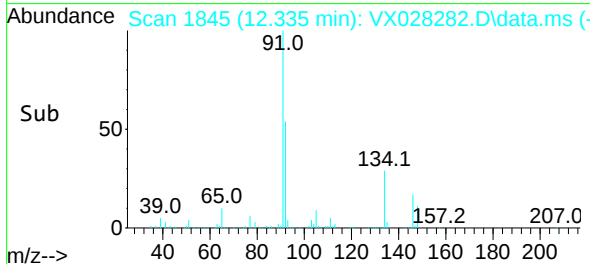
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion: 91 Resp: 259298
Ion Ratio Lower Upper
91 100
92 53.9 27.8 83.3
134 28.8 13.3 39.8

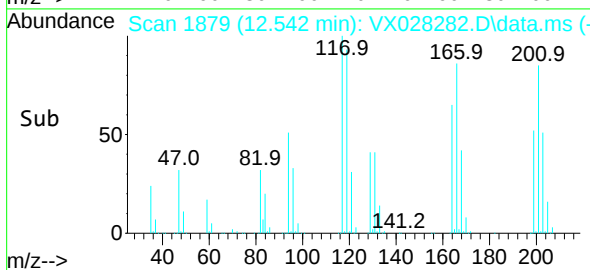
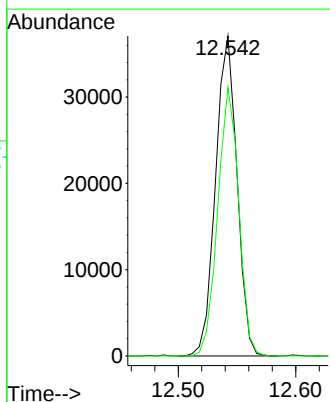
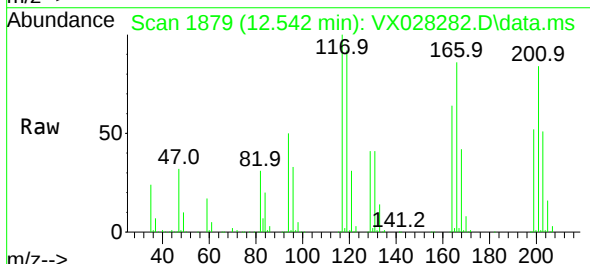
Manual Integrations
APPROVED

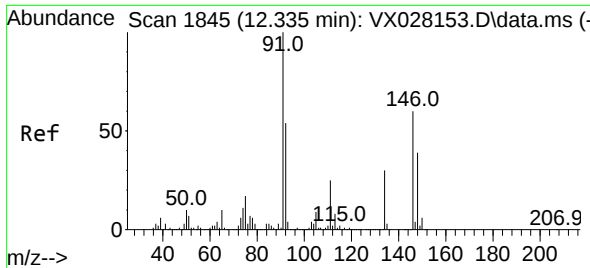
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#90
Hexachloroethane
Concen: 15.891 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

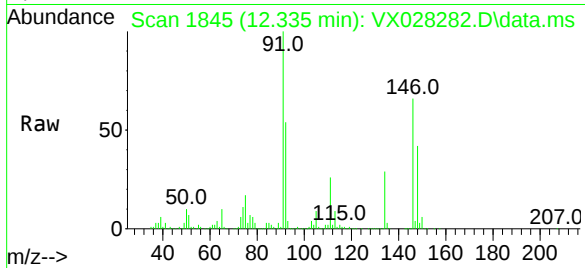
Tgt Ion:117 Resp: 47153
Ion Ratio Lower Upper
117 100
201 82.0 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 19.289 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

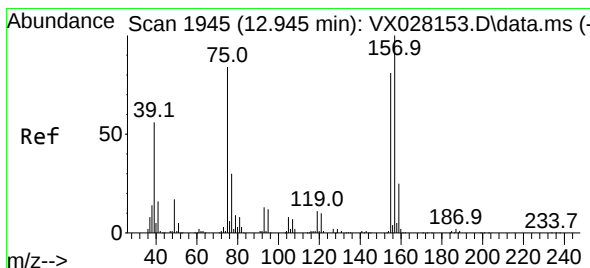
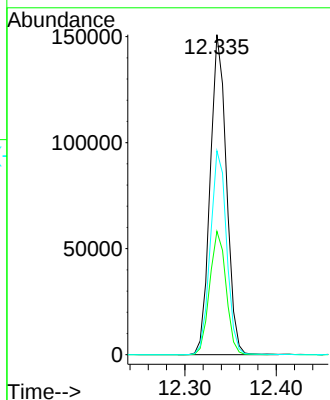
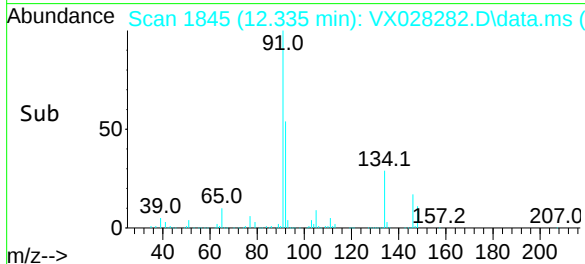
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



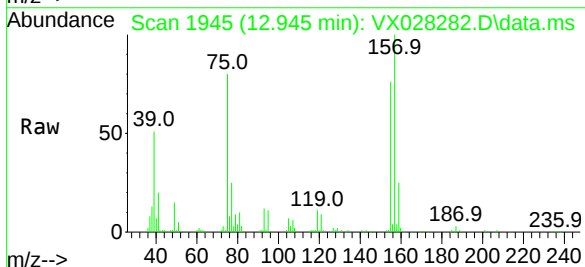
Tgt Ion:146 Resp: 186460
Ion Ratio Lower Upper
146 100
111 38.7 21.0 63.0
148 63.8 32.6 97.7

Manual Integrations
APPROVED

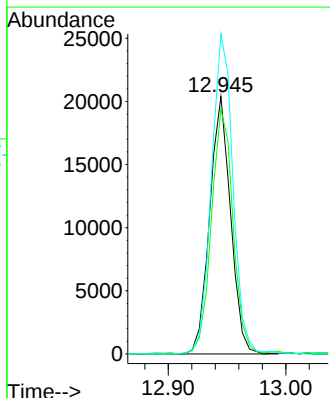
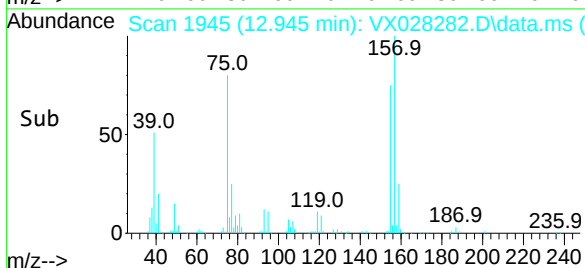
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

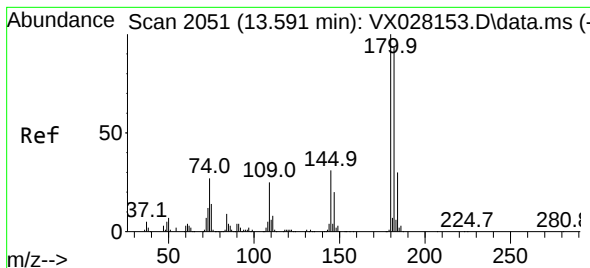


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.529 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



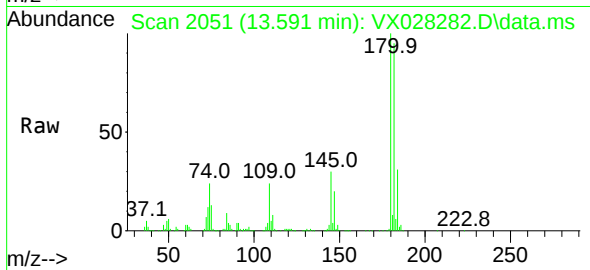
Tgt Ion: 75 Resp: 25156
Ion Ratio Lower Upper
75 100
155 98.1 47.0 141.2
157 128.4 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 19.424 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

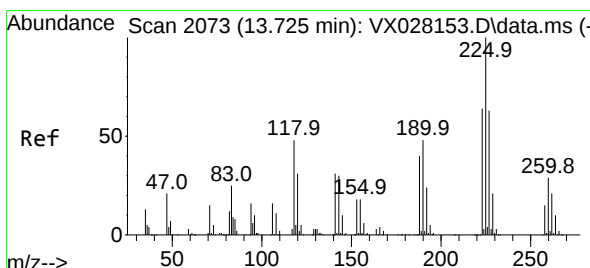
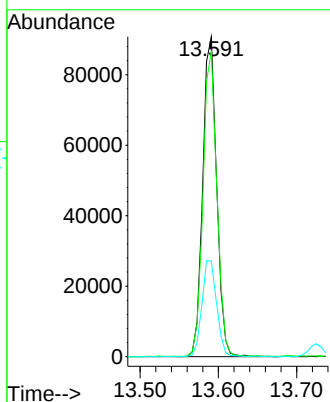
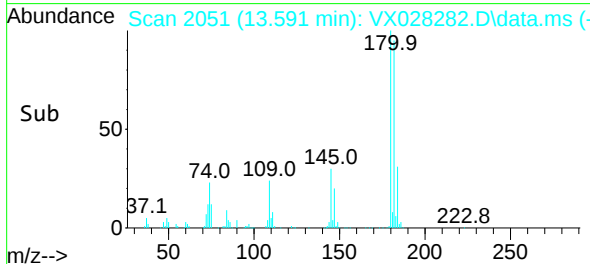
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



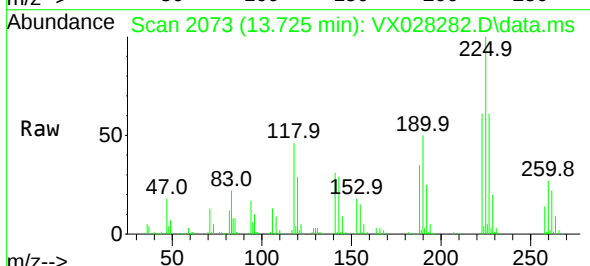
Tgt Ion:180 Resp: 11168
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 31.9 15.2 45.5

Manual Integrations
APPROVED

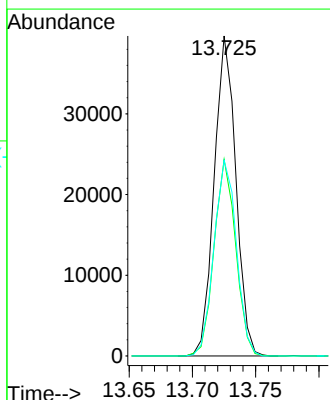
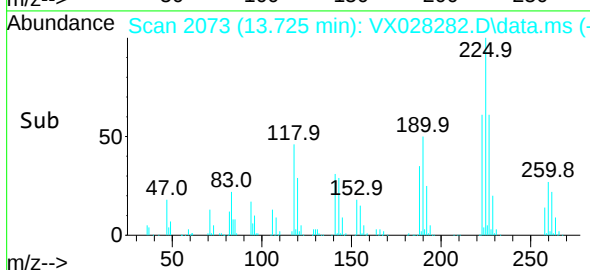
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

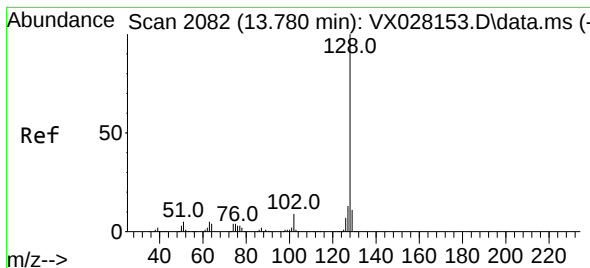


#94
Hexachlorobutadiene
Concen: 18.358 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25



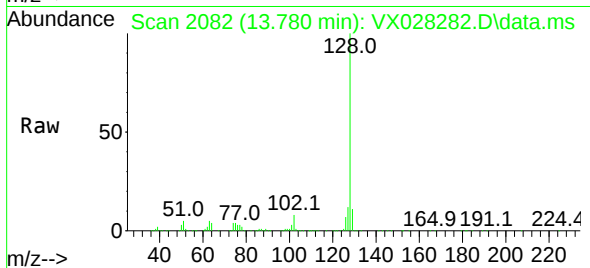
Tgt Ion:225 Resp: 47100
Ion Ratio Lower Upper
225 100
223 61.4 34.2 102.5
227 63.6 33.9 101.7





#95
Naphthalene
Concen: 20.962 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

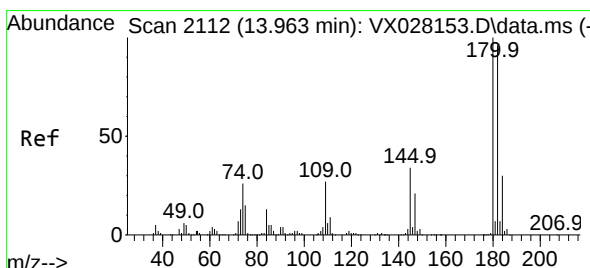
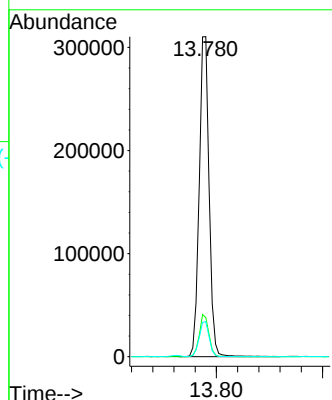
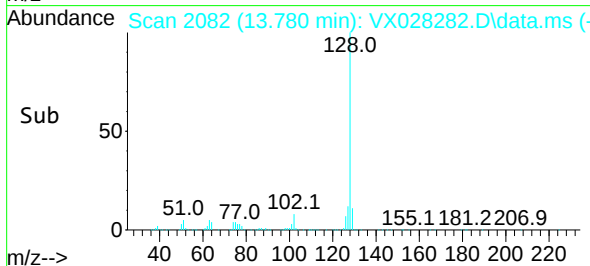
Instrument :
MSVOA_X
ClientSampleId :
VX0422MBS02



Tgt Ion:128 Resp: 401500
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.236 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028282.D
Acq: 22 Apr 2022 16:25

Tgt Ion:180 Resp: 114205
Ion Ratio Lower Upper
180 100
182 93.6 50.0 149.8
145 32.7 16.2 48.5

