

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033415.D
 Acq On : 14 Dec 2022 13:30
 Operator : JC/MD
 Sample : VX1214WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 22:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	278533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57795	50.660	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.320%			
35) Dibromofluoromethane	5.385	113	67116	53.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.140%			
50) Toluene-d8	8.647	98	144866	55.276	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.560%			
62) 4-Bromofluorobenzene	11.079	95	117189	58.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22435	18.060	ug/l	98
3) Chloromethane	1.294	50	22853	15.911	ug/l	99
4) Vinyl Chloride	1.374	62	26996	16.461	ug/l	99
5) Bromomethane	1.618	94	20352	16.911	ug/l	96
6) Chloroethane	1.691	64	19859	15.965	ug/l	95
7) Trichlorofluoromethane	1.886	101	38368	12.462	ug/l	98
8) Diethyl Ether	2.130	74	13477	12.119	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	30878	18.906	ug/l	99
10) Methyl Iodide	2.453	142	26867	15.020	ug/l	98
11) Tert butyl alcohol	2.989	59	27345m	78.400	ug/l	
12) 1,1-Dichloroethene	2.319	96	27617	17.130	ug/l	97
13) Acrolein	2.239	56	18905	49.976	ug/l	99
14) Allyl chloride	2.666	41	42422	16.477	ug/l	97
15) Acrylonitrile	3.069	53	71303	82.527	ug/l	97
16) Acetone	2.386	43	84006	99.511	ug/l	99
17) Carbon Disulfide	2.514	76	65747	15.890	ug/l	100
18) Methyl Acetate	2.703	43	40111	16.413	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	95830	17.160	ug/l	100
20) Methylene Chloride	2.788	84	30980	16.455	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	30098	17.067	ug/l	97
22) Diisopropyl ether	3.757	45	95430	17.301	ug/l	92
23) Vinyl Acetate	3.721	43	363909	84.998	ug/l	98
24) 1,1-Dichloroethane	3.611	63	56013	17.283	ug/l	99
25) 2-Butanone	4.562	43	107682	88.864	ug/l	99
26) 2,2-Dichloropropane	4.477	77	43588	18.288	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37490	17.788	ug/l	95
28) Bromochloromethane	4.897	49	28551	21.044	ug/l	91
29) Tetrahydrofuran	5.007	42	63970	81.480	ug/l	98
30) Chloroform	5.093	83	64209	17.845	ug/l	99
31) Cyclohexane	5.464	56	48717	17.968	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	56029	18.099	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44187	18.091	ug/l	98
37) Ethyl Acetate	4.708	43	38891	16.844	ug/l	99
38) Carbon Tetrachloride	5.678	117	50240	18.358	ug/l	95
39) Methylcyclohexane	7.379	83	53446	19.549	ug/l	99
40) Benzene	6.038	78	129036	18.119	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22245	17.484	ug/l	96
42) 1,2-Dichloroethane	6.086	62	50097	17.715	ug/l	98
43) Isopropyl Acetate	6.336	43	63576	17.113	ug/l	97
44) Trichloroethene	7.123	130	37222	18.957	ug/l	98
45) 1,2-Dichloropropane	7.428	63	32612	17.906	ug/l	96
46) Dibromomethane	7.580	93	24341	17.544	ug/l	96
47) Bromodichloromethane	7.824	83	48394	17.894	ug/l	99
48) Methyl methacrylate	7.690	41	32763	17.088	ug/l	93
49) 1,4-Dioxane	7.702	88	15352	351.137	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	206310	87.818	ug/l	98
52) Toluene	8.720	92	87631	19.032	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	47802	18.134	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	52274	18.164	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	35807	18.500	ug/l	99
56) Ethyl methacrylate	9.116	69	48732	17.882	ug/l	92
57) 1,3-Dichloropropane	9.305	76	56969	18.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	72694	58.299	ug/l	99
59) 2-Hexanone	9.427	43	160148	92.503	ug/l	96
60) Dibromochloromethane	9.519	129	38336	17.977	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37931	18.424	ug/l	99
64) Tetrachloroethene	9.275	164	32454	18.890	ug/l	97
65) Chlorobenzene	10.079	112	96753	19.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35715	18.575	ug/l	98
67) Ethyl Benzene	10.195	91	170069	19.186	ug/l	98
68) m/p-Xylenes	10.299	106	133518	38.715	ug/l	98
69) o-Xylene	10.640	106	65591	19.241	ug/l	97
70) Styrene	10.653	104	108552	19.444	ug/l	98
71) Bromoform	10.799	173	27685	18.190	ug/l #	100
73) Isopropylbenzene	10.963	105	174852	18.794	ug/l	99
74) N-amyl acetate	10.842	43	55285	17.417	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	53020	17.964	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46710m	17.886	ug/l	
77) Bromobenzene	11.201	156	42865	18.246	ug/l	97
78) n-propylbenzene	11.305	91	201296	19.377	ug/l	100
79) 2-Chlorotoluene	11.366	91	119012	18.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	148294	19.148	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13534	16.121	ug/l	98
82) 4-Chlorotoluene	11.457	91	139329	18.664	ug/l	98
83) tert-Butylbenzene	11.713	119	150375	19.472	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	147309	19.056	ug/l	100
85) sec-Butylbenzene	11.890	105	178934	19.859	ug/l	99
86) p-Isopropyltoluene	12.012	119	152658	19.652	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	81281	19.099	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	82664	19.016	ug/l	100
89) n-Butylbenzene	12.335	91	126194	19.834	ug/l	99
90) Hexachloroethane	12.536	117	23605	17.877	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	79534	18.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10284	16.131	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	49388	19.220	ug/l	100
94) Hexachlorobutadiene	13.725	225	21512	20.906	ug/l	99
95) Naphthalene	13.774	128	159834	18.647	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50332	19.340	ug/l	97

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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

Manual Integrations APPROVED

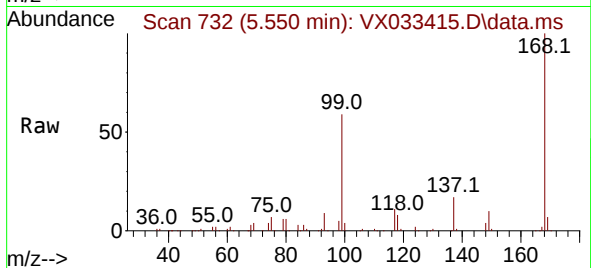
Quant Time: Dec 14 22:48:38 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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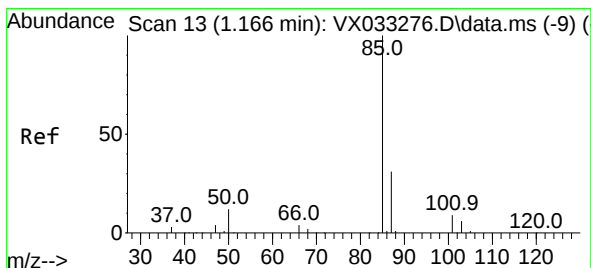
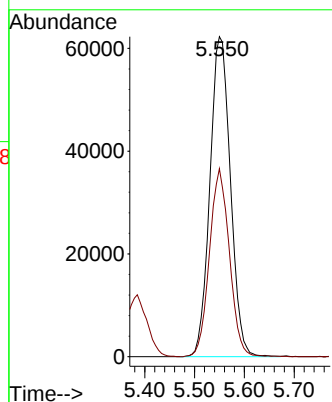
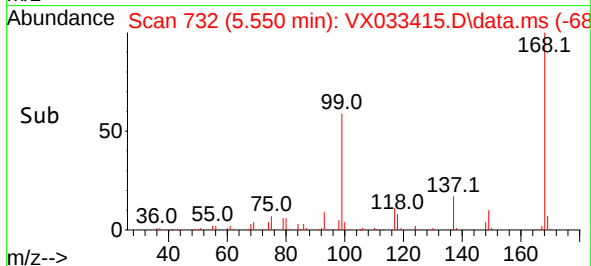
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 177829
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1

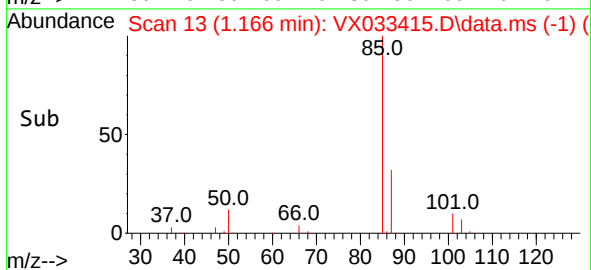
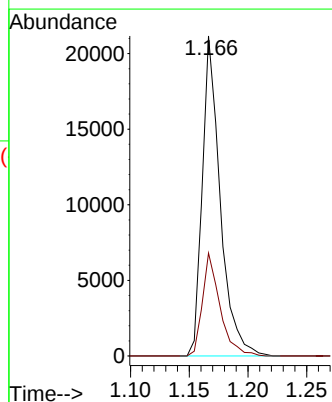
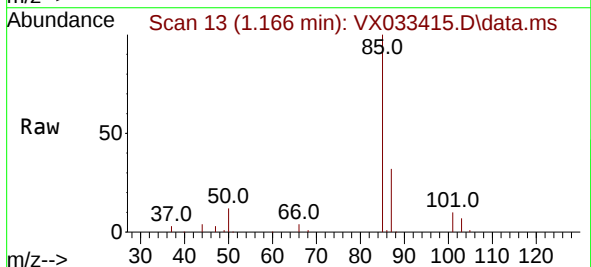
Manual Integrations
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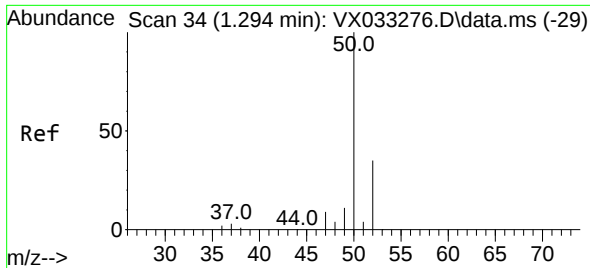
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 18.060 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 85 Resp: 22435
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.7





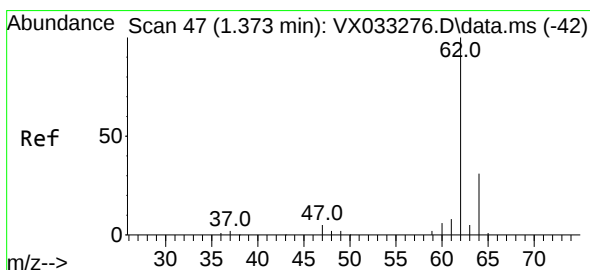
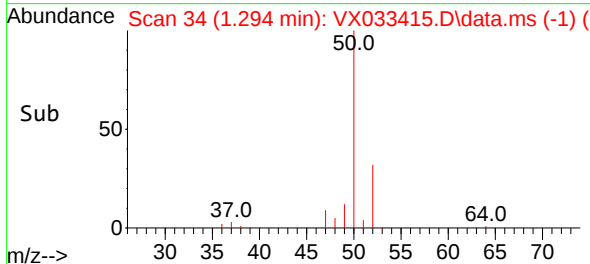
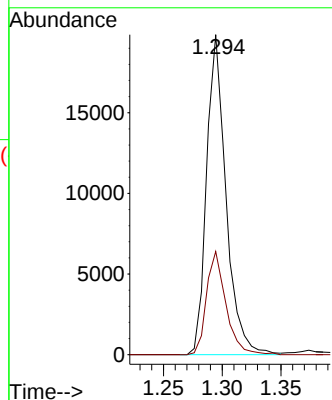
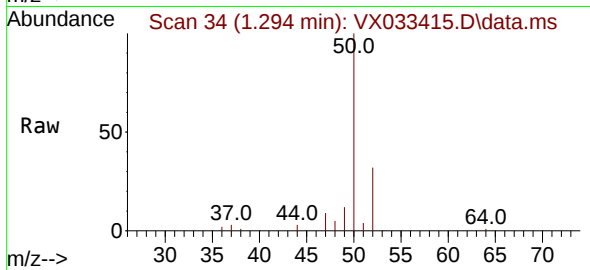
#3
Chloromethane
Concen: 15.911 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
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Tgt Ion: 50 Resp: 2285
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

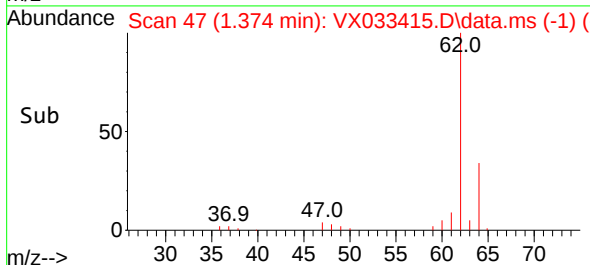
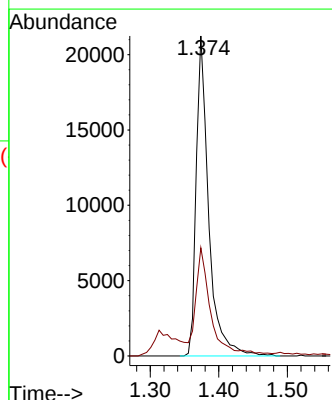
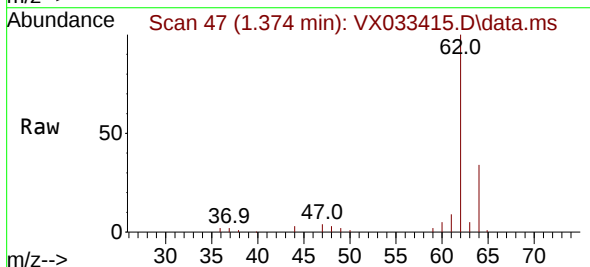
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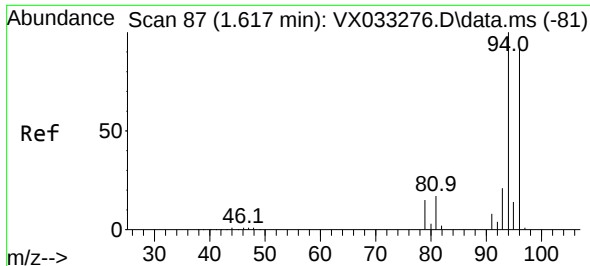
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 16.461 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

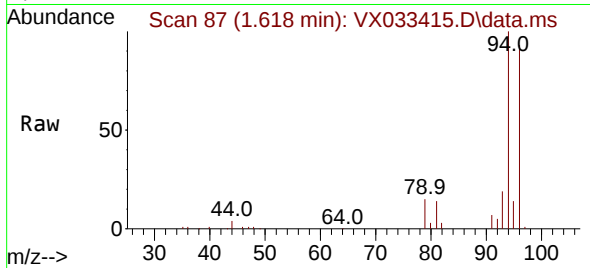
Tgt Ion: 62 Resp: 26996
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





#5
Bromomethane
Concen: 16.911 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033415.D
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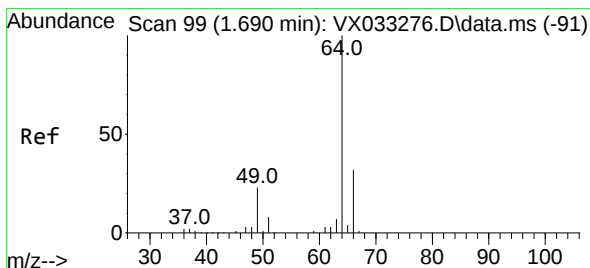
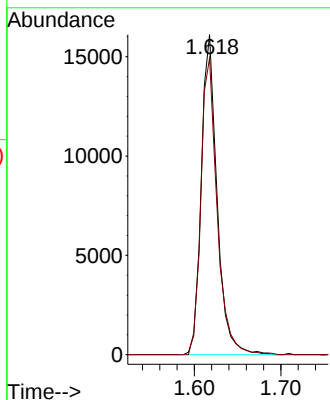
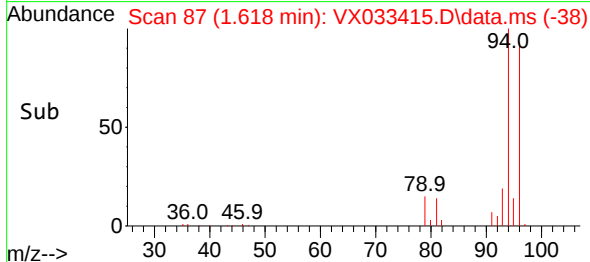
Instrument :
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Tgt Ion: 94 Resp: 20352
Ion Ratio Lower Upper
94 100
96 92.7 77.6 116.4

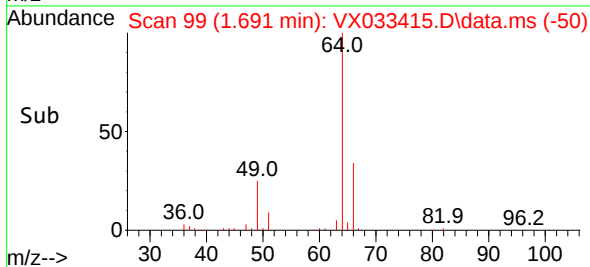
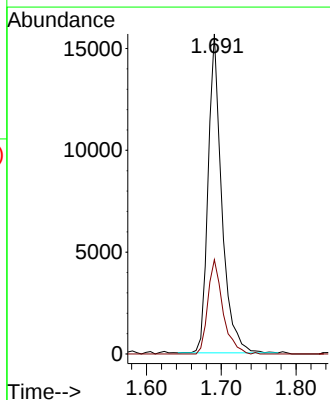
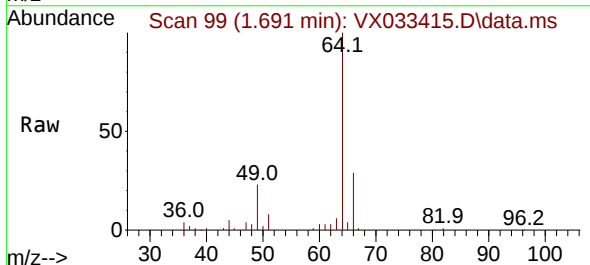
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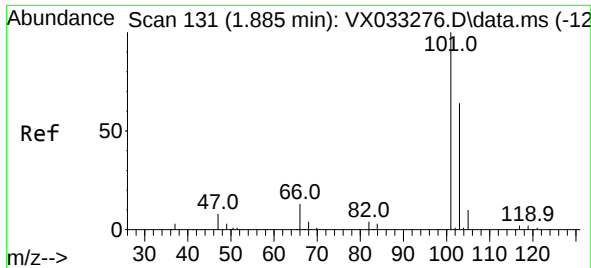
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 15.965 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033415.D
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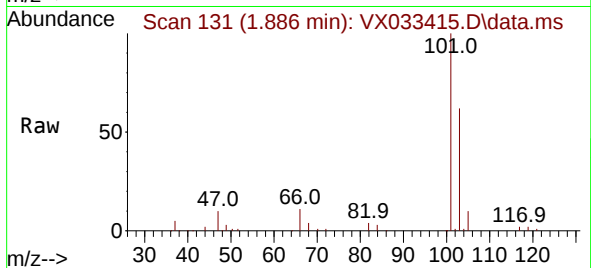
Tgt Ion: 64 Resp: 19859
Ion Ratio Lower Upper
64 100
66 29.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 12.462 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033415.D
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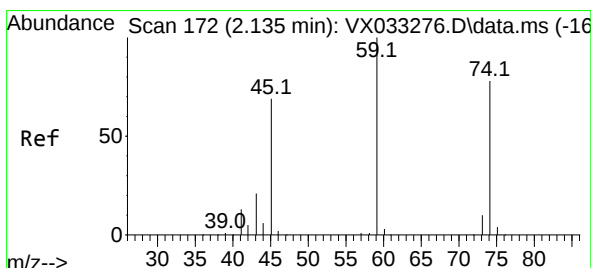
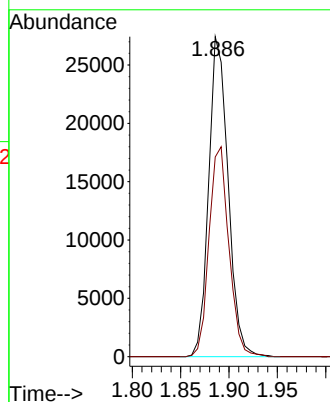
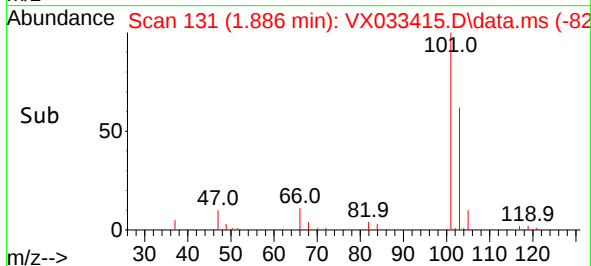
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VX1214WBSD02



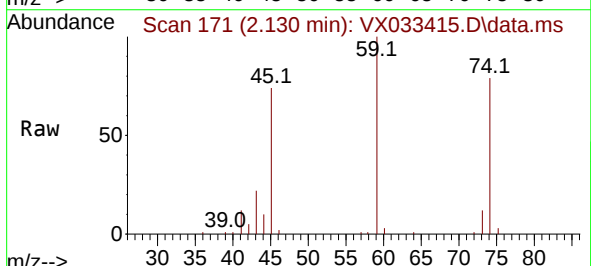
Tgt Ion:101 Resp: 3836
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

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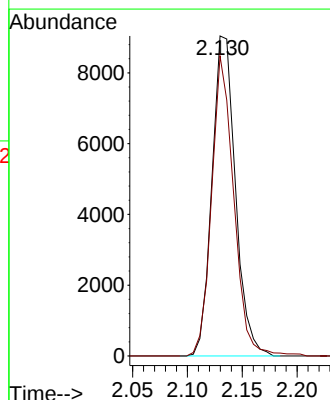
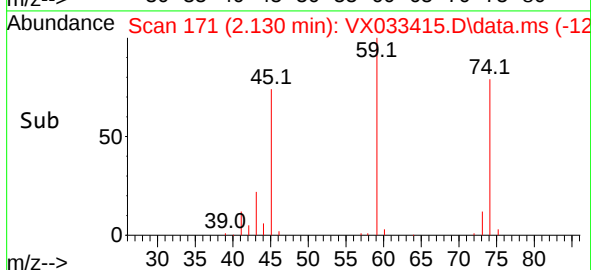
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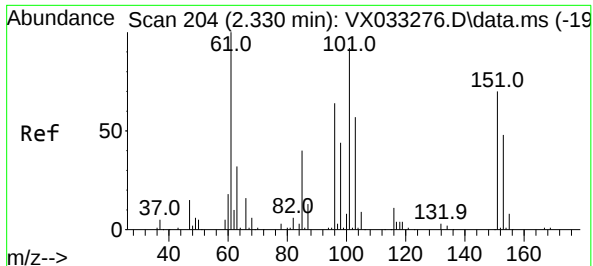


#8
Diethyl Ether
Concen: 12.119 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 13477
Ion Ratio Lower Upper
74 100
45 88.4 46.6 139.7





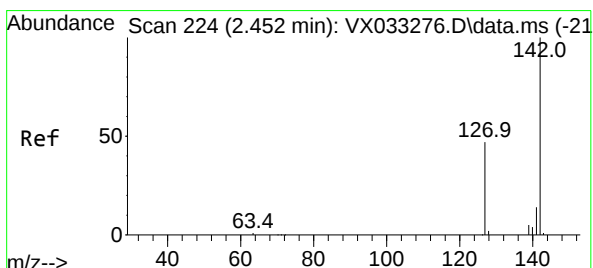
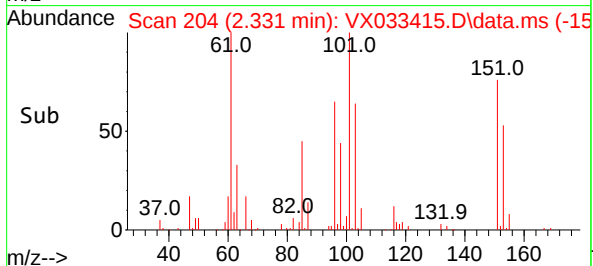
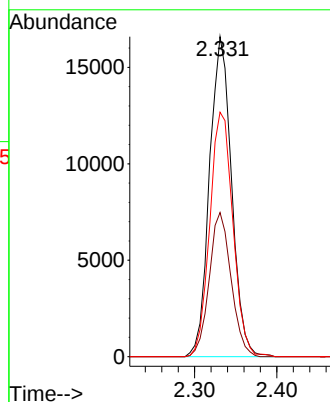
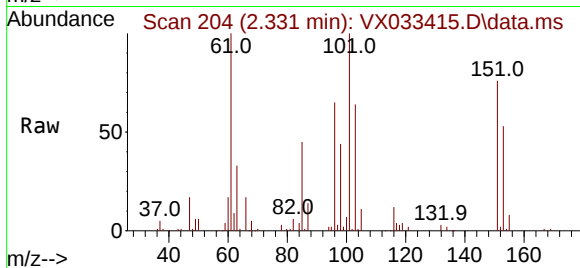
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.906 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion:101 Resp: 30878
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 80.2 64.4 96.6

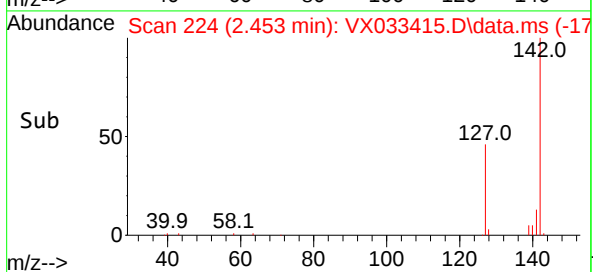
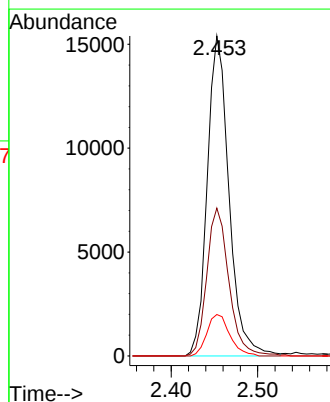
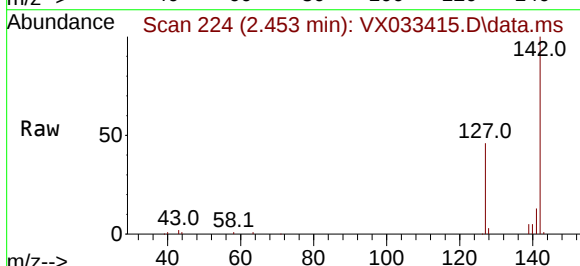
Manual Integrations
APPROVED

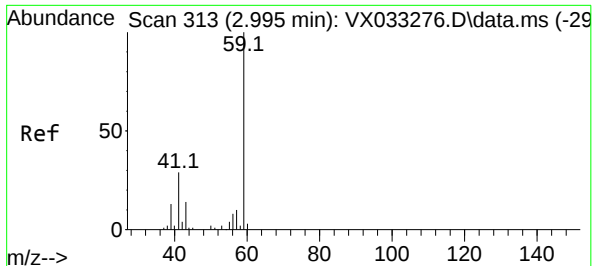
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 15.020 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

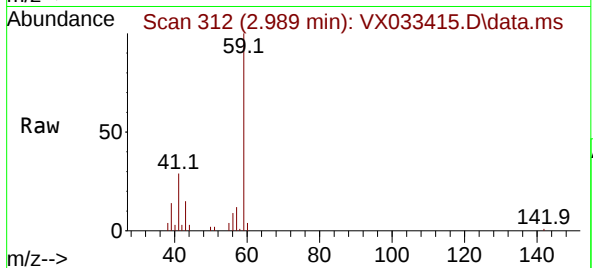
Tgt Ion:142 Resp: 26867
Ion Ratio Lower Upper
142 100
127 47.1 38.6 57.8
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 78.400 ug/l m
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

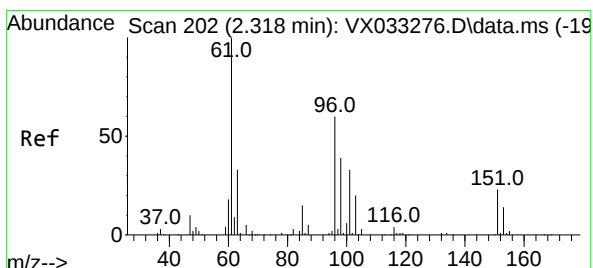
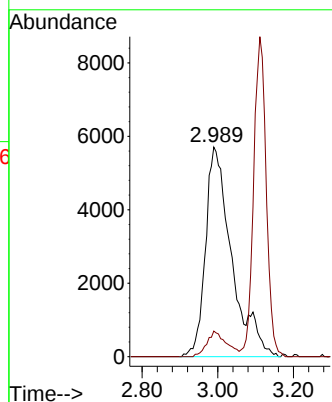
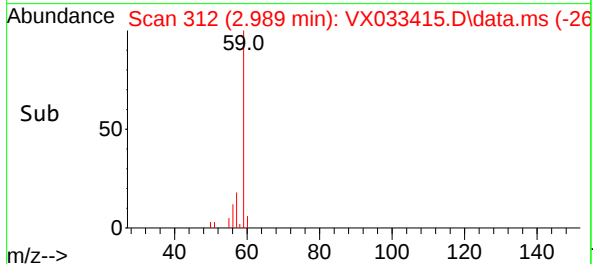
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 59 Resp: 27345
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4

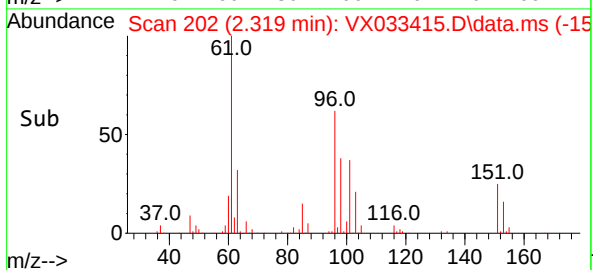
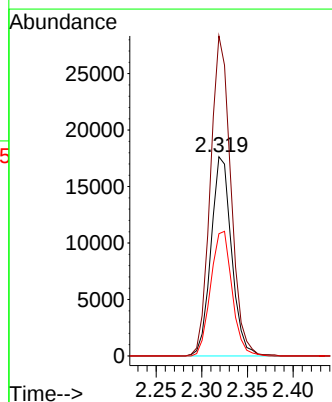
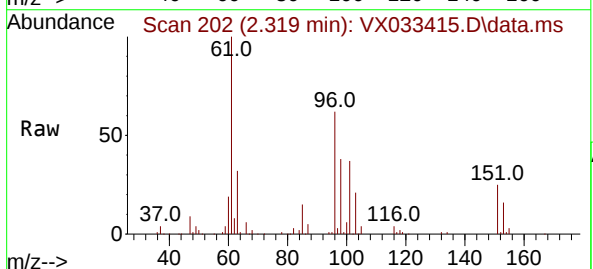
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 17.130 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

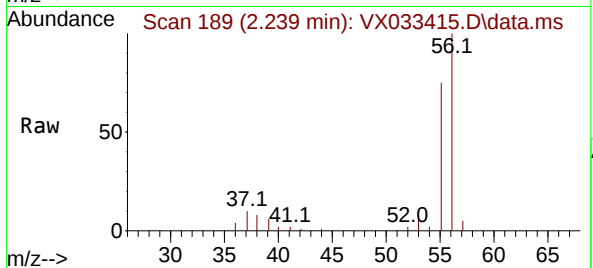
Tgt Ion: 96 Resp: 27617
Ion Ratio Lower Upper
96 100
61 160.6 125.1 187.7
98 61.3 50.6 76.0





#13
Acrolein
Concen: 49.976 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

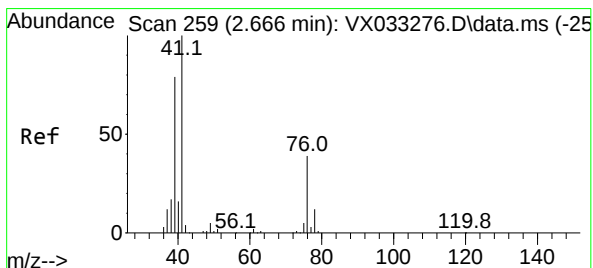
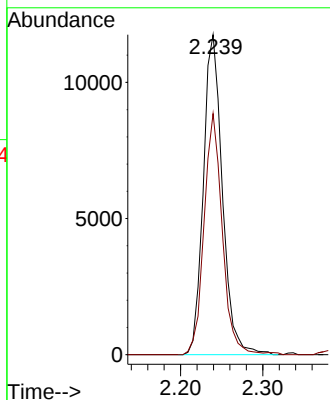
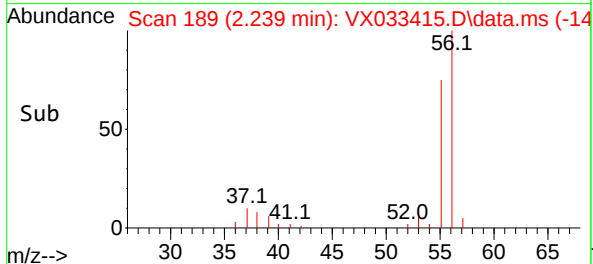
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 56 Resp: 1890
Ion Ratio Lower Upper
56 100
55 72.0 56.9 85.3

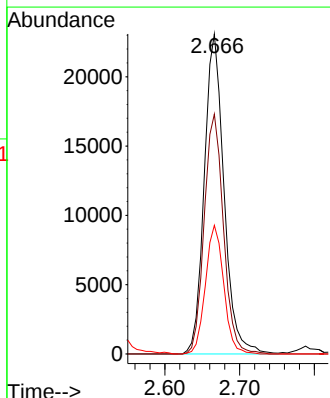
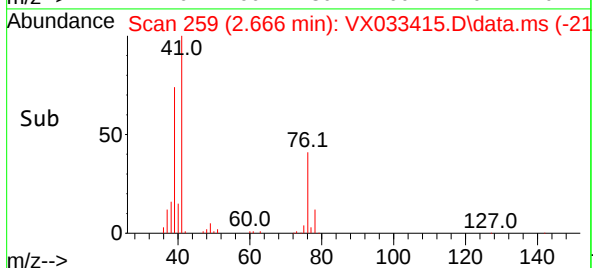
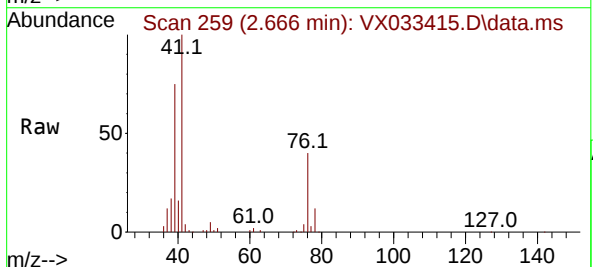
Manual Integrations
APPROVED

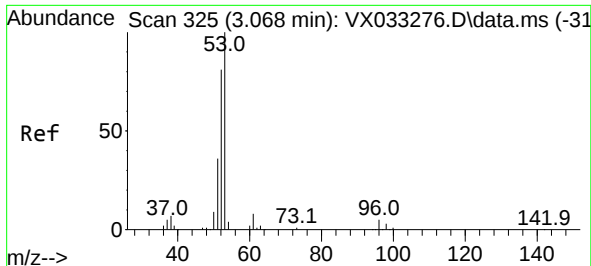
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 16.477 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

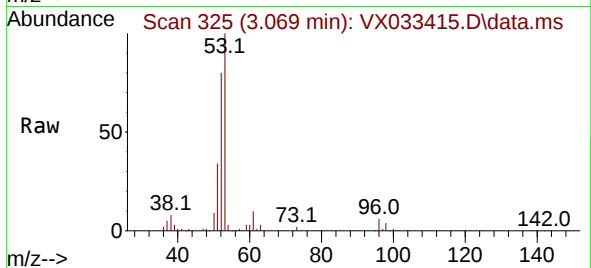
Tgt Ion: 41 Resp: 42422
Ion Ratio Lower Upper
41 100
39 73.1 61.4 92.2
76 37.2 29.2 43.8





#15
Acrylonitrile
Concen: 82.527 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

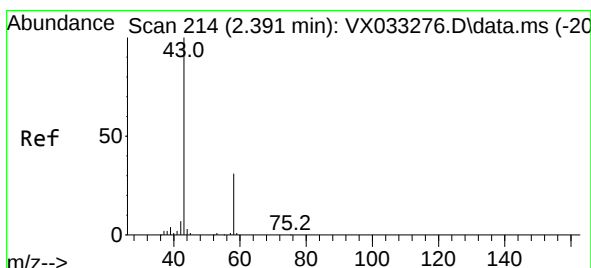
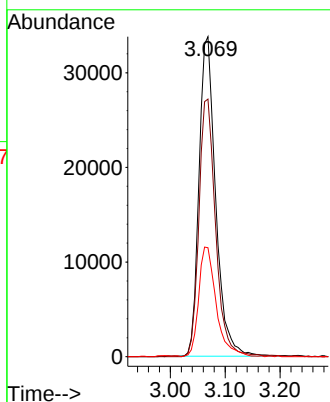
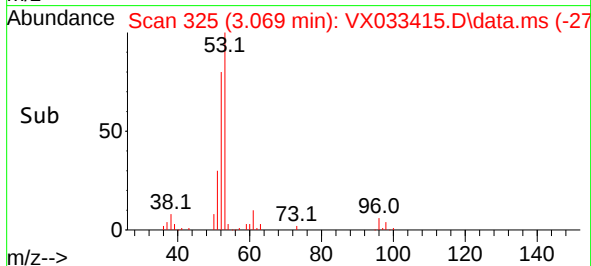
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 53 Resp: 7130
Ion Ratio Lower Upper
53 100
52 81.0 67.4 101.0
51 36.2 30.3 45.5

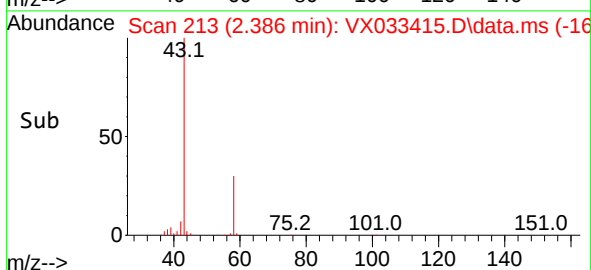
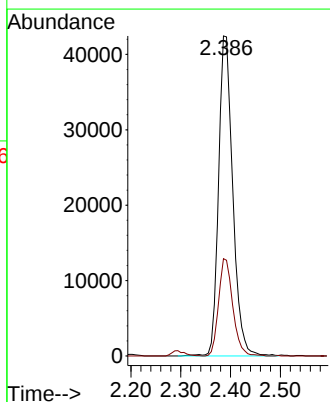
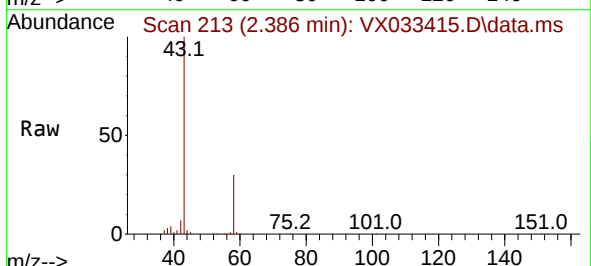
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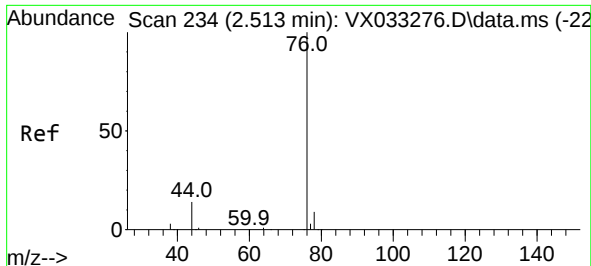
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 99.511 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 43 Resp: 84006
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8





#17

Carbon Disulfide

Concen: 15.890 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 76 Resp: 6574

Ion Ratio Lower Upper

76 100

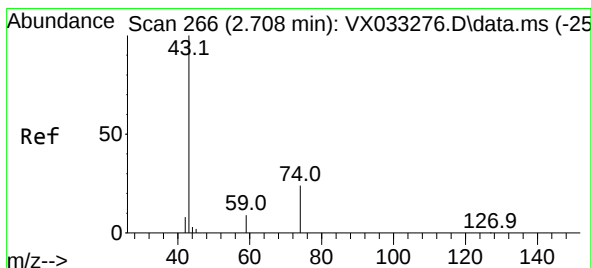
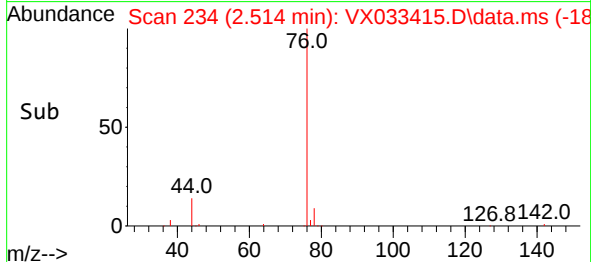
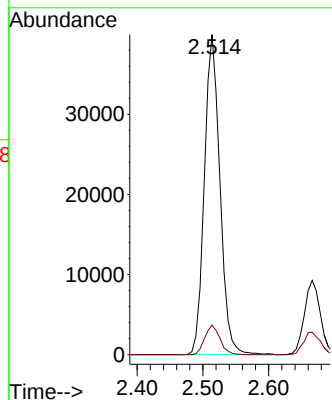
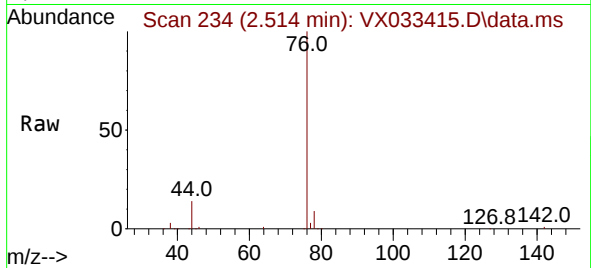
78 9.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#18

Methyl Acetate

Concen: 16.413 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033415.D

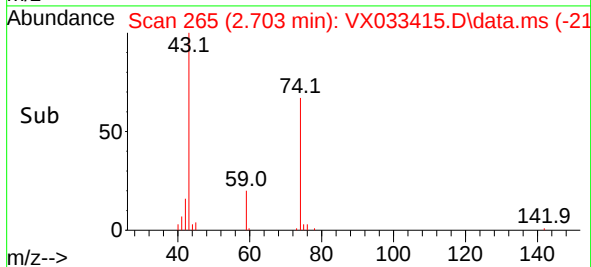
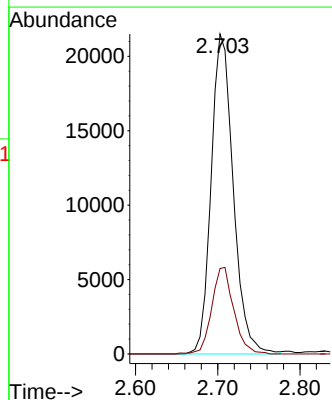
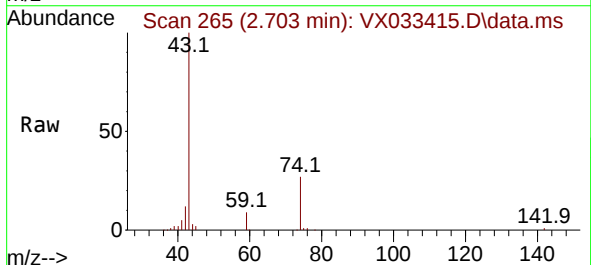
Acq: 14 Dec 2022 13:30

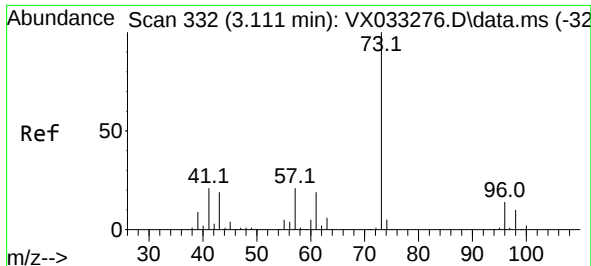
Tgt Ion: 43 Resp: 40111

Ion Ratio Lower Upper

43 100

74 26.9 19.4 29.0





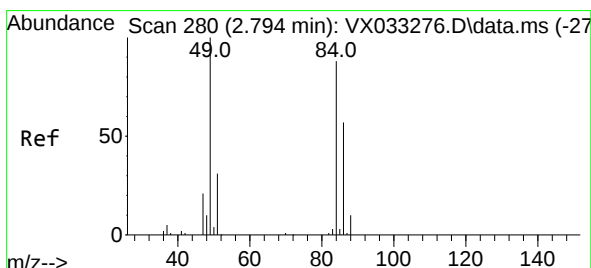
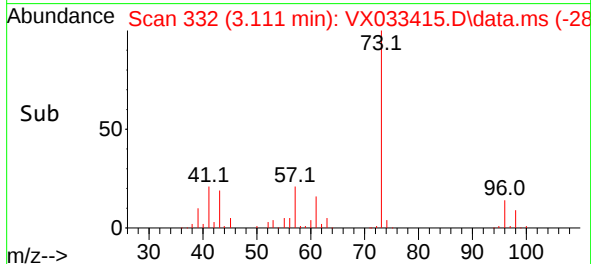
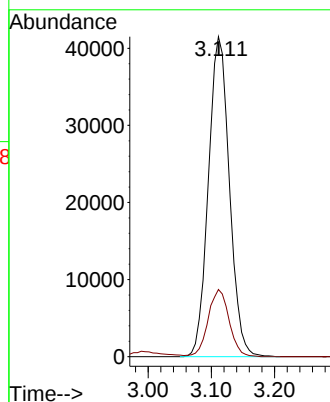
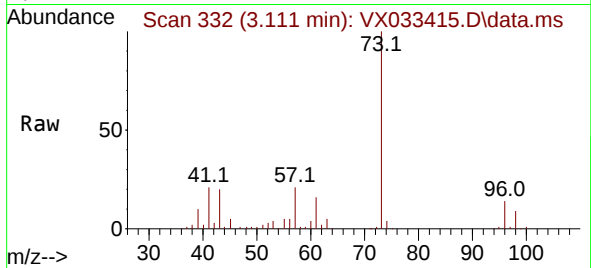
#19
Methyl tert-butyl Ether
Concen: 17.160 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 73 Resp: 95830
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

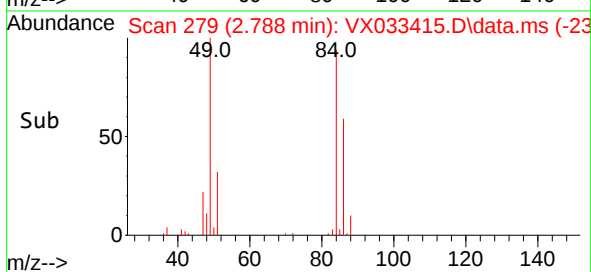
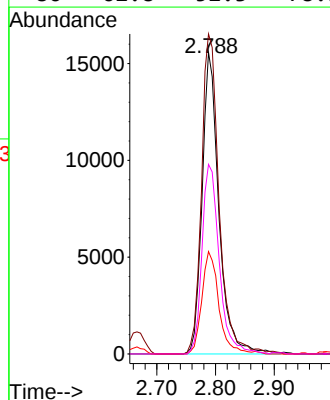
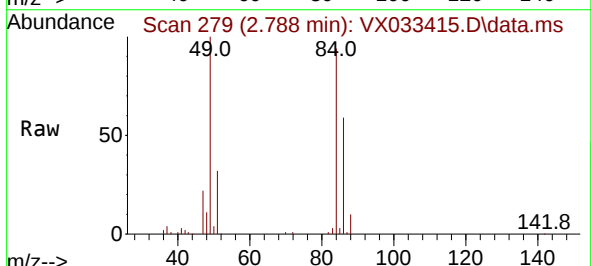
Manual Integrations
APPROVED

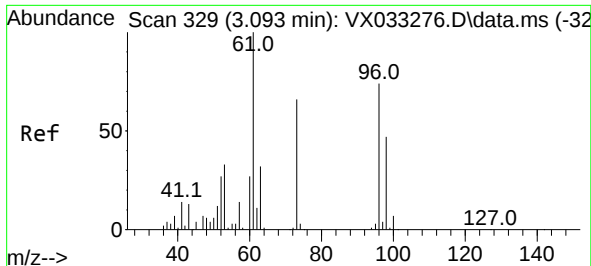
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 16.455 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

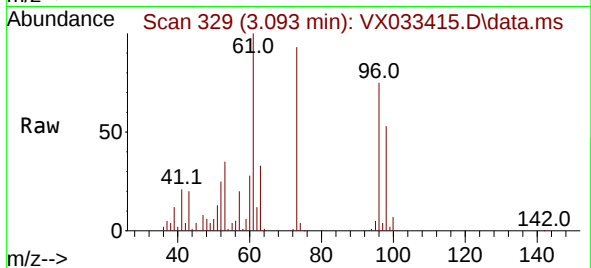
Tgt Ion: 84 Resp: 30980
Ion Ratio Lower Upper
84 100
49 106.1 101.0 151.6
51 33.9 31.1 46.7
86 62.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 17.067 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

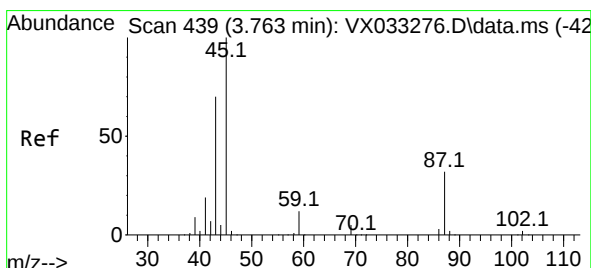
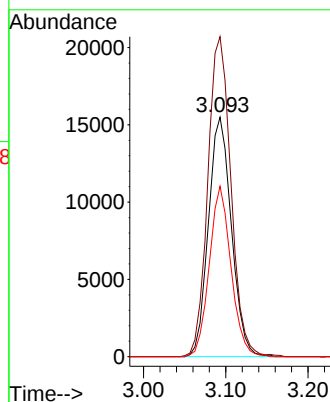
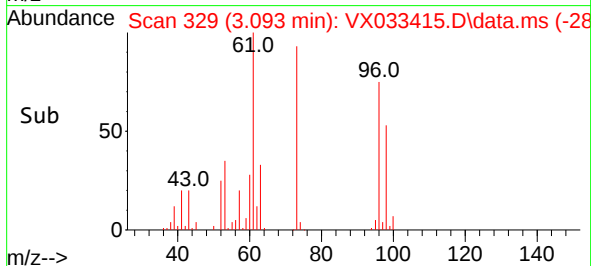
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 96 Resp: 30098
Ion Ratio Lower Upper
96 100
61 133.6 106.6 160.0
98 71.1 51.0 76.6

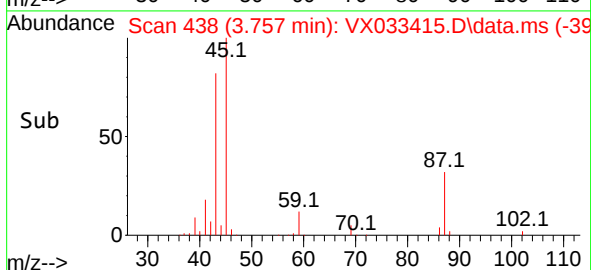
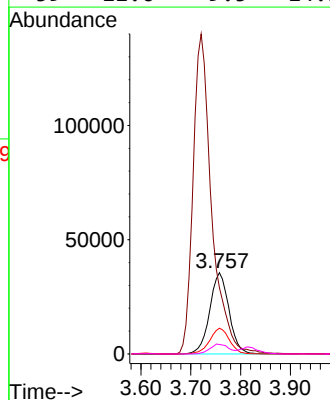
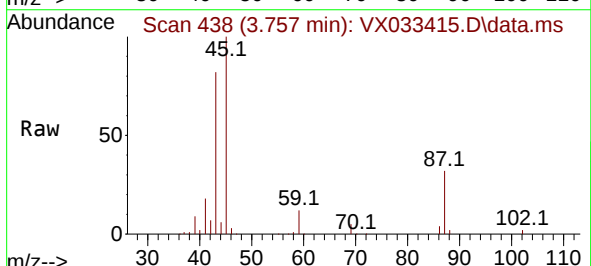
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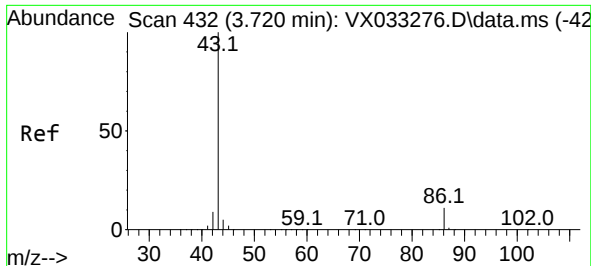
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 17.301 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 45 Resp: 95430
Ion Ratio Lower Upper
45 100
43 80.8 56.4 84.6
87 31.7 24.4 36.6
59 11.6 9.5 14.3





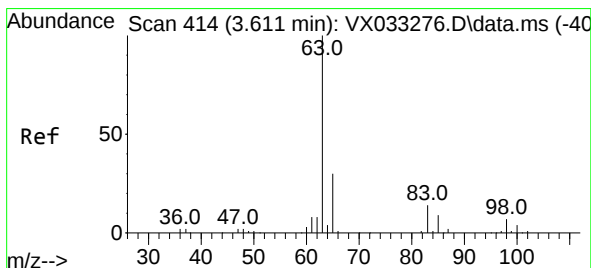
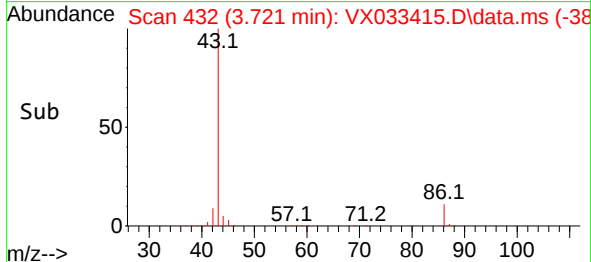
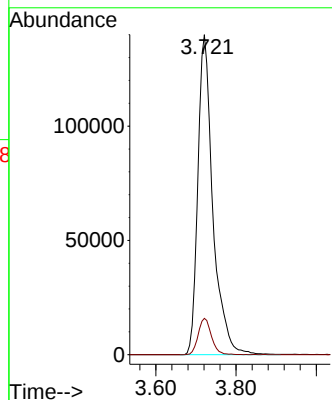
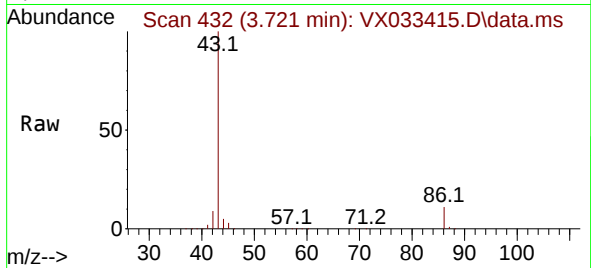
#23
 Vinyl Acetate
 Concen: 84.998 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033415.D
 Acq: 14 Dec 2022 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Tgt Ion: 43 Resp: 363909
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8

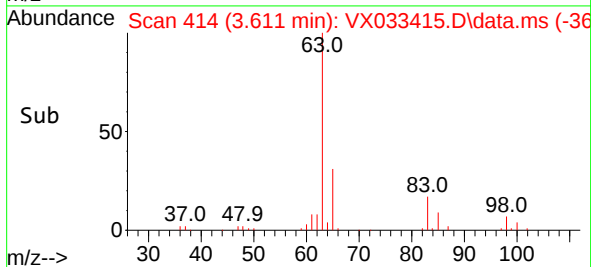
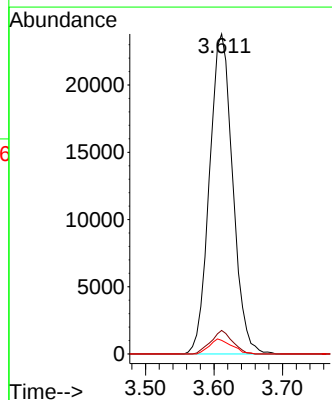
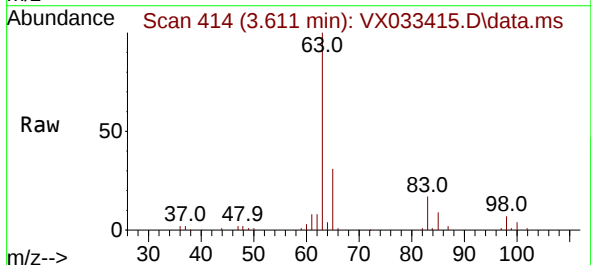
Manual Integrations
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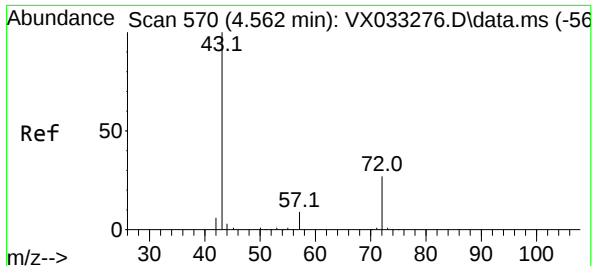
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 17.283 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033415.D
 Acq: 14 Dec 2022 13:30

Tgt Ion: 63 Resp: 56013
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 88.864 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 43 Resp: 10768

Ion Ratio Lower Upper

43 100

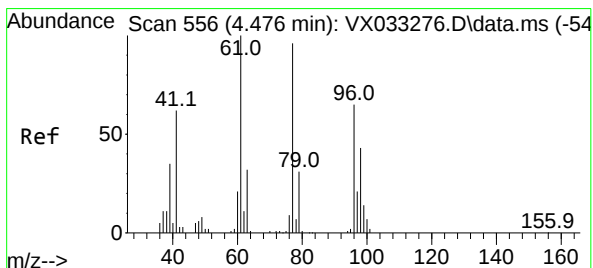
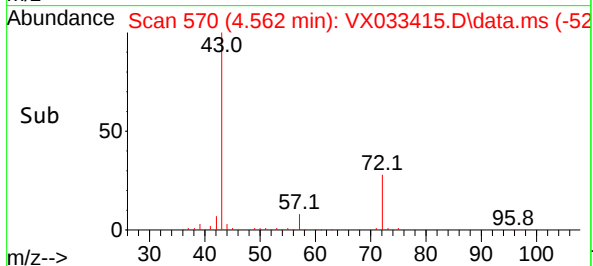
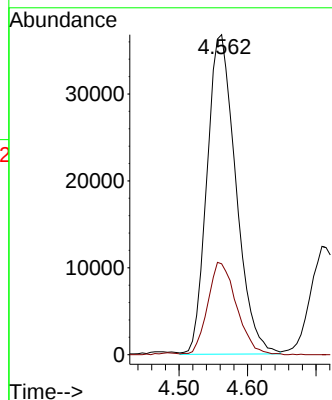
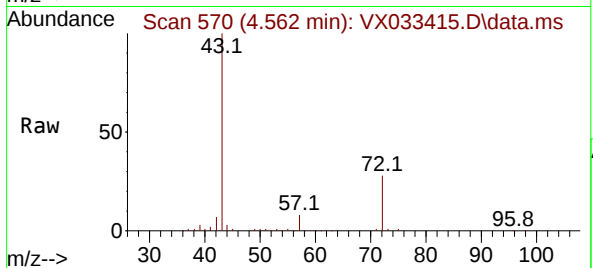
72 28.3 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 18.288 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033415.D

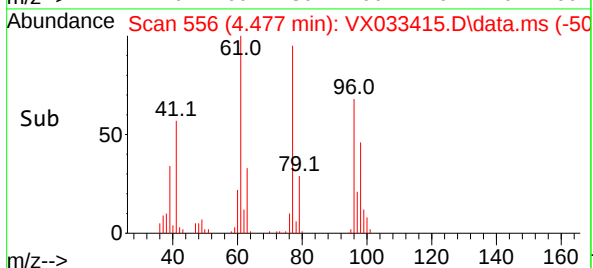
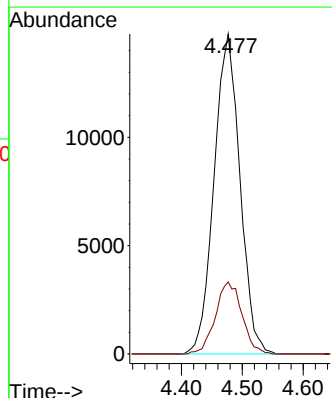
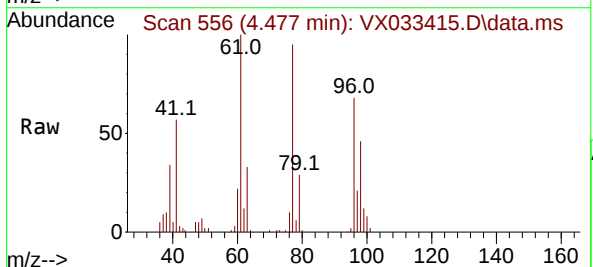
Acq: 14 Dec 2022 13:30

Tgt Ion: 77 Resp: 43588

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.788 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 96 Resp: 37490

Ion Ratio Lower Upper

96 100

61 135.4 0.0 286.0

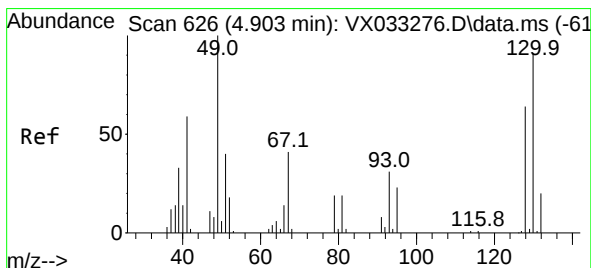
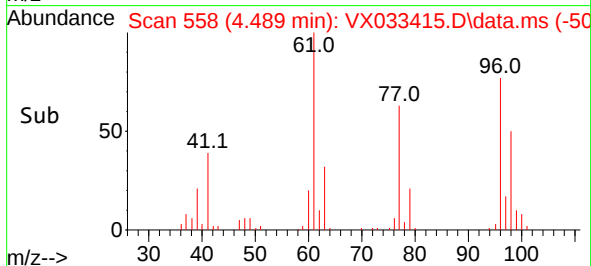
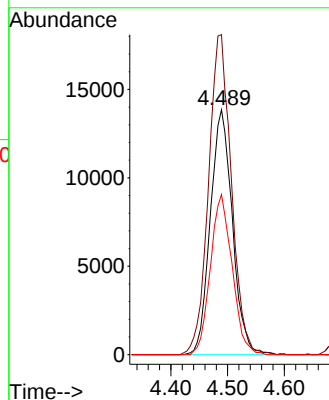
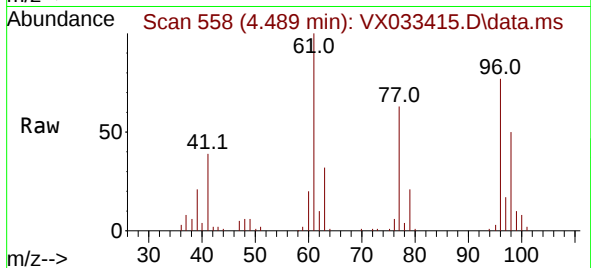
98 64.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 21.044 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

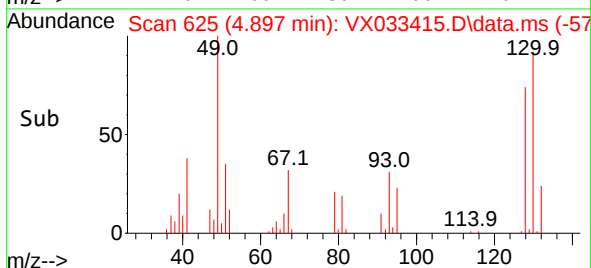
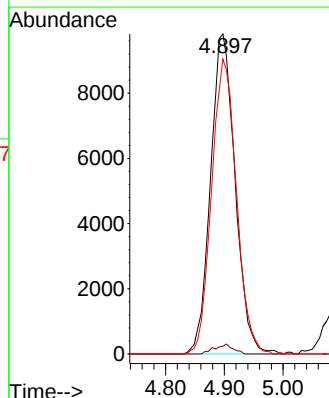
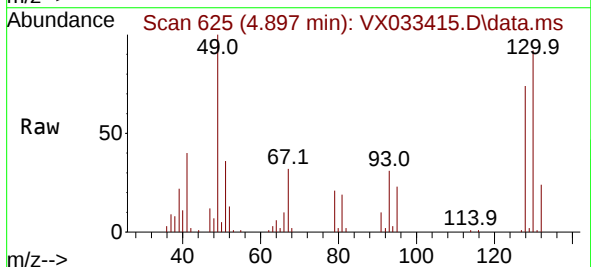
Tgt Ion: 49 Resp: 28551

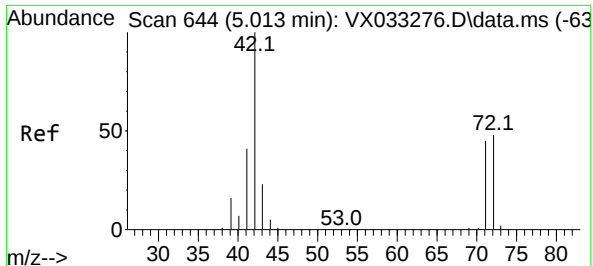
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 92.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 81.480 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 42 Resp: 63970

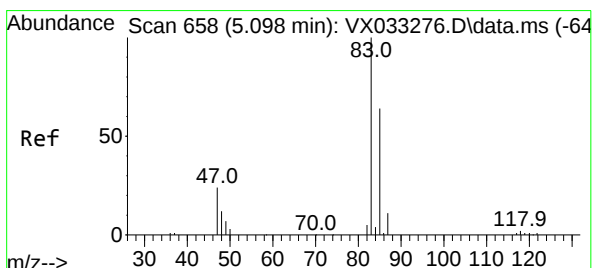
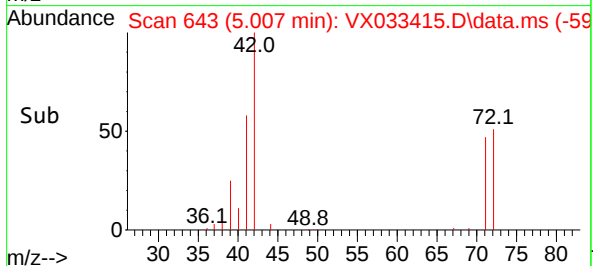
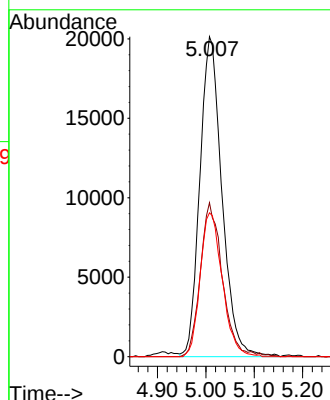
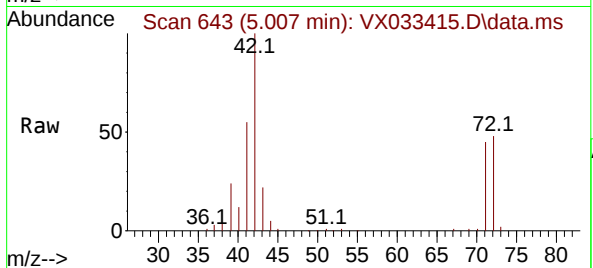
Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.6	56.4
71	44.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 17.845 ug/l

RT: 5.093 min Scan# 657

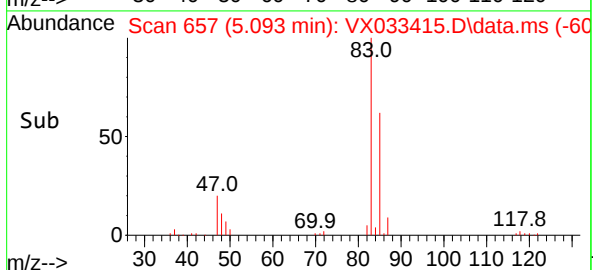
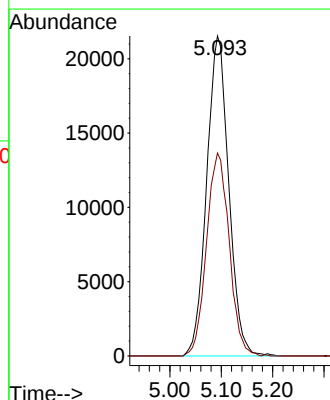
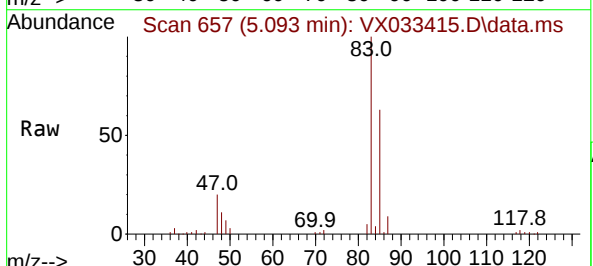
Delta R.T. -0.006 min

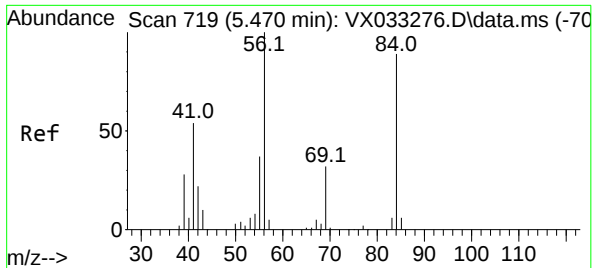
Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Tgt Ion: 83 Resp: 64209

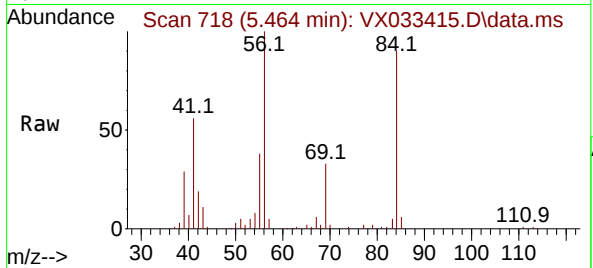
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.1	76.7





#31
Cyclohexane
Concen: 17.968 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

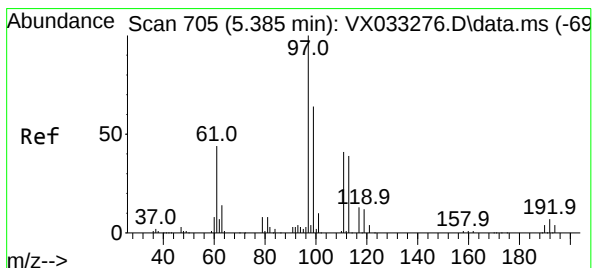
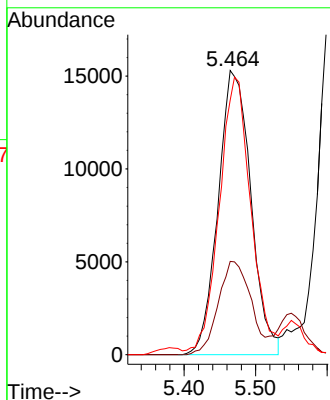
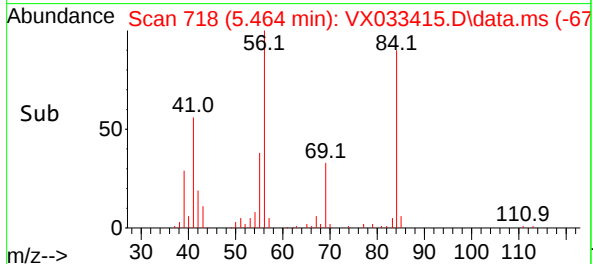
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 56 Resp: 4871
Ion Ratio Lower Upper
56 100
69 32.8 24.1 36.1
84 87.4 66.9 100.3

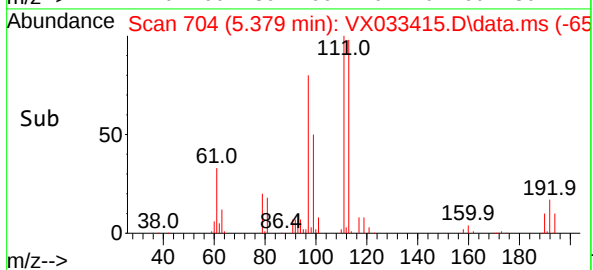
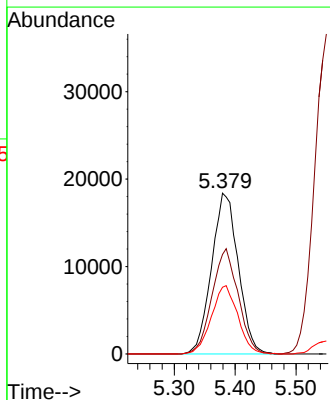
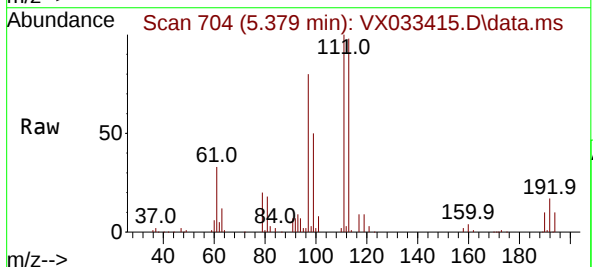
Manual Integrations
APPROVED

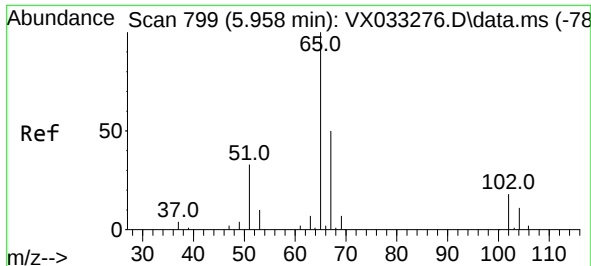
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#32
1,1,1-Trichloroethane
Concen: 18.099 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 97 Resp: 56029
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 42.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.660 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 65 Resp: 5779

Ion Ratio Lower Upper

65 100

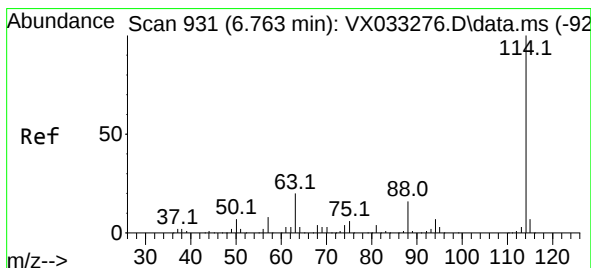
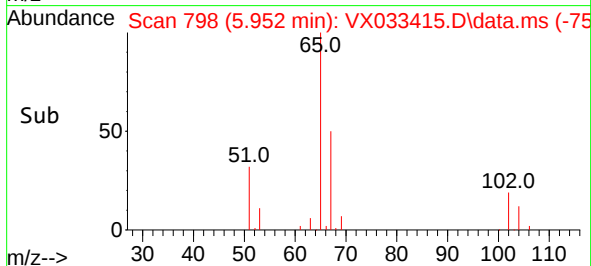
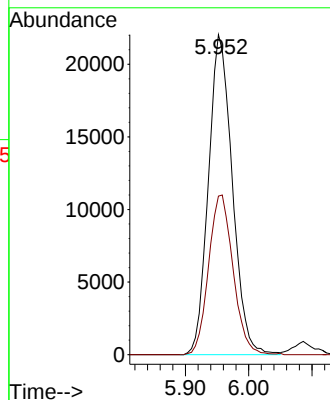
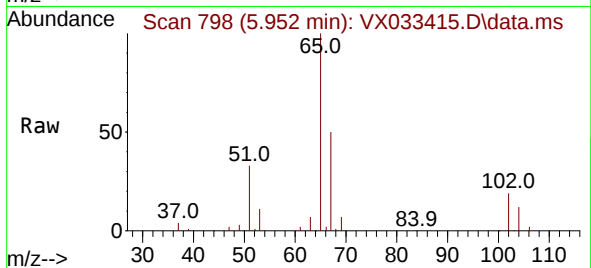
67 51.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

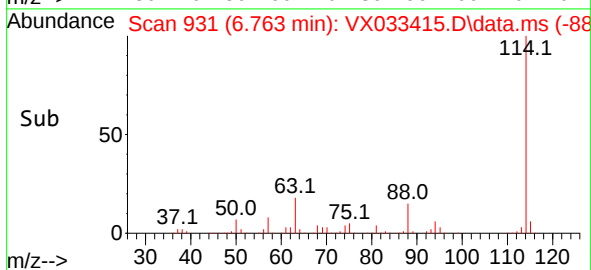
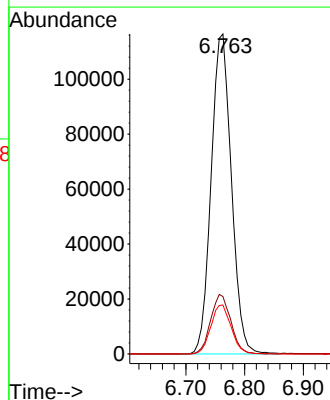
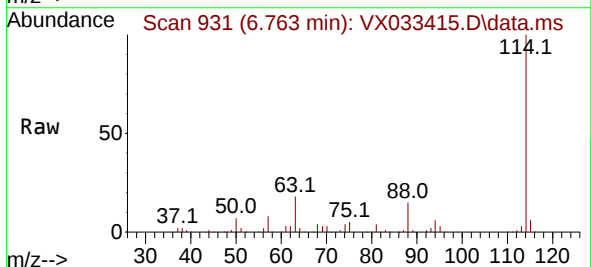
Tgt Ion:114 Resp: 278533

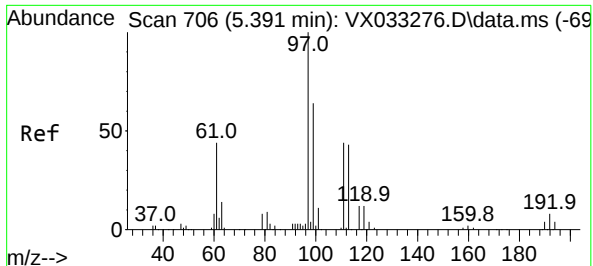
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.573 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:113 Resp: 67110

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

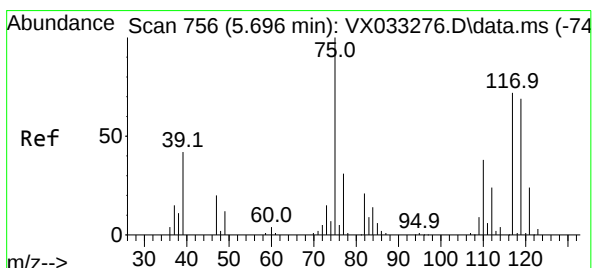
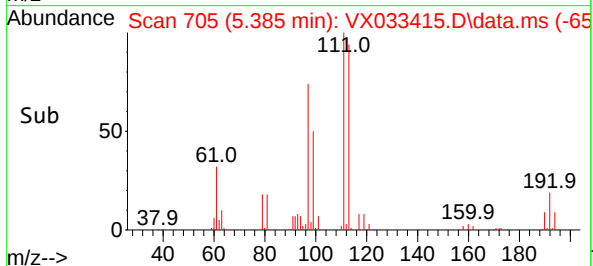
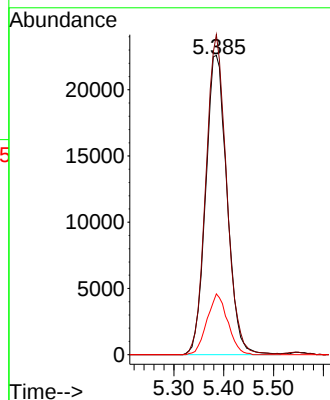
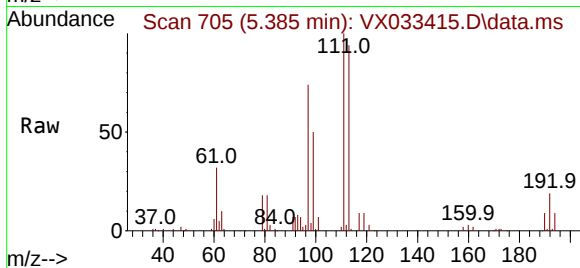
192 19.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 18.091 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

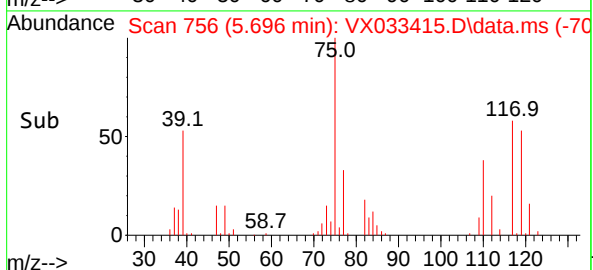
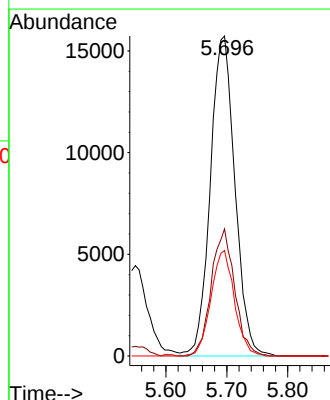
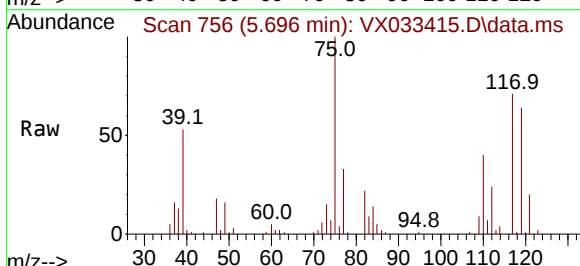
Tgt Ion: 75 Resp: 44187

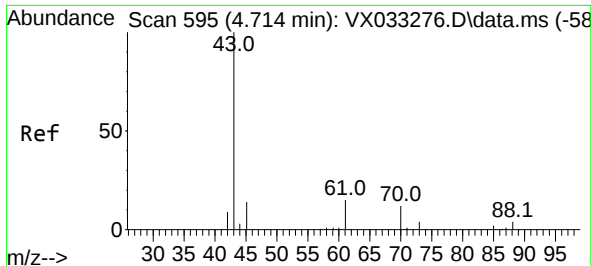
Ion Ratio Lower Upper

75 100

110 37.7 18.4 55.2

77 31.5 24.5 36.7





#37

Ethyl Acetate

Concen: 16.844 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 43 Resp: 3889

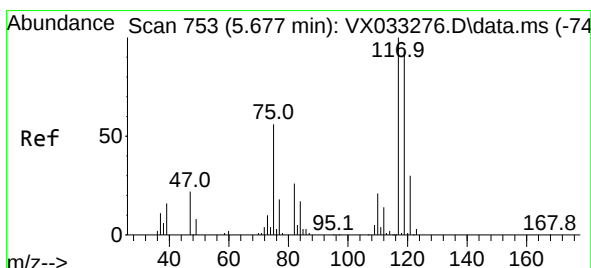
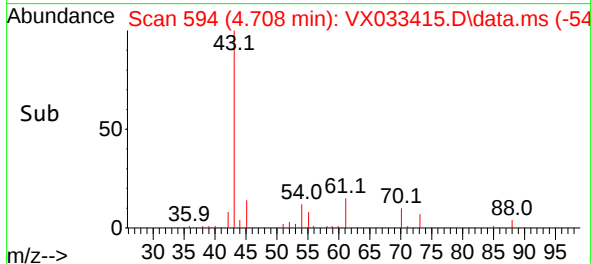
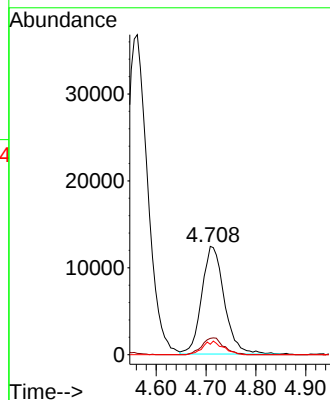
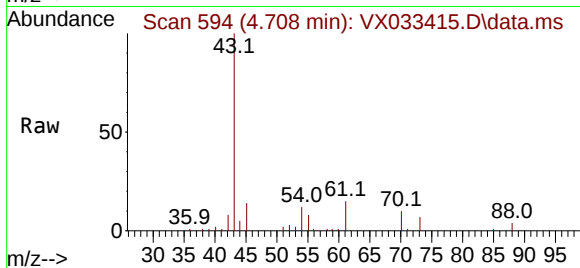
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	11.3	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 18.358 ug/l

RT: 5.678 min Scan# 753

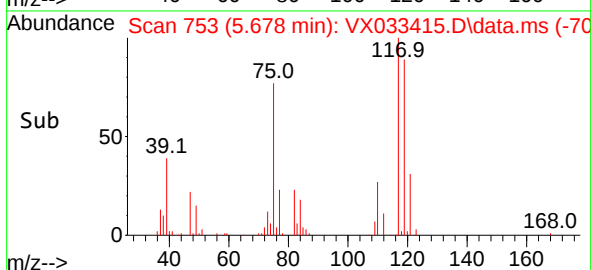
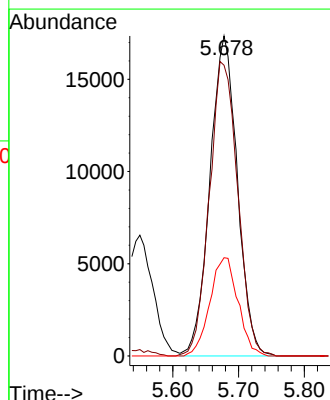
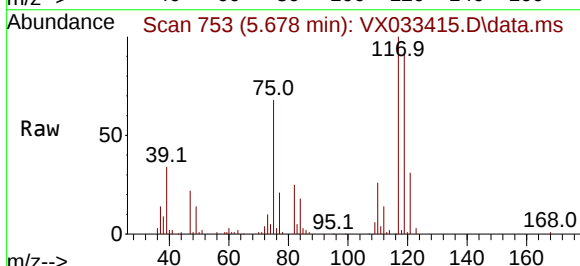
Delta R.T. 0.000 min

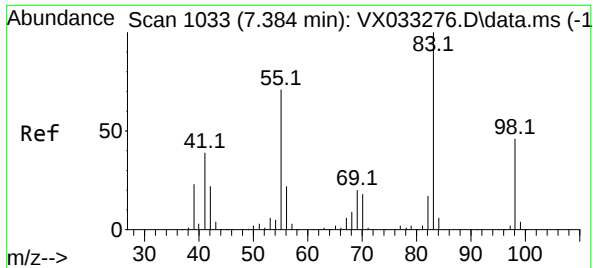
Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Tgt Ion:117 Resp: 50240

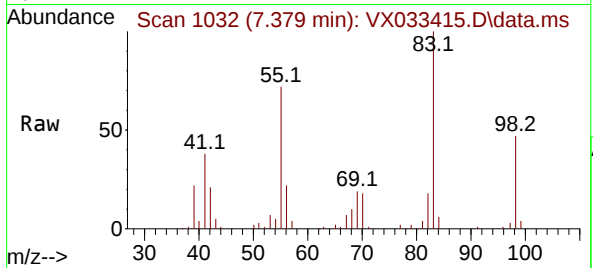
Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.2	115.8
121	30.7	25.8	38.6





#39
Methylcyclohexane
Concen: 19.549 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

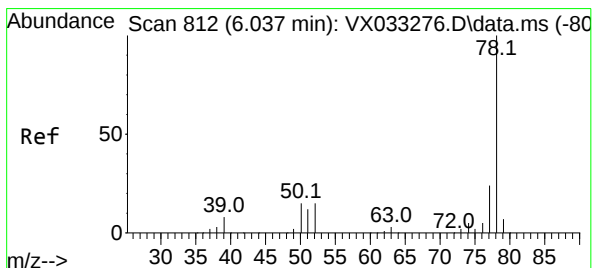
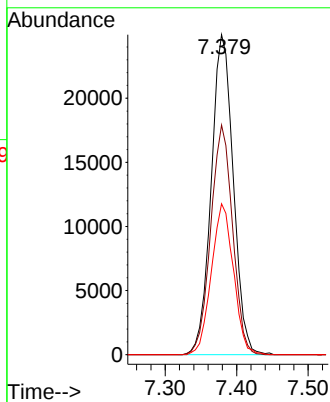
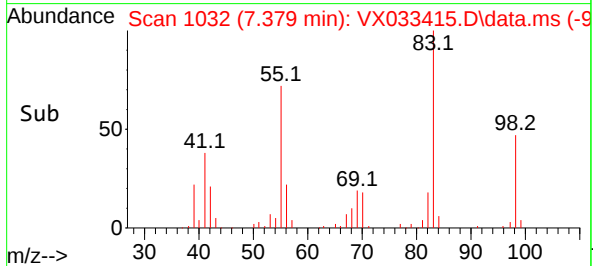
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 83 Resp: 53440
Ion Ratio Lower Upper
83 100
55 71.7 58.4 87.6
98 47.2 37.2 55.8

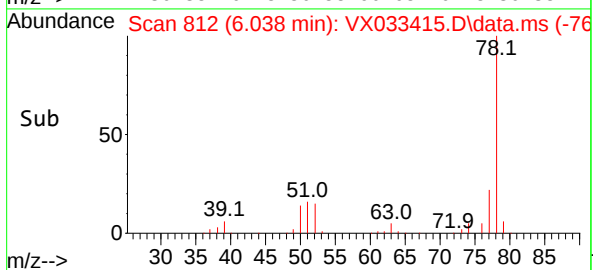
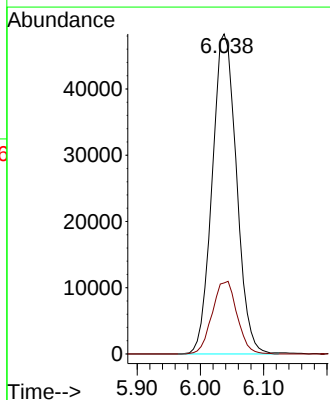
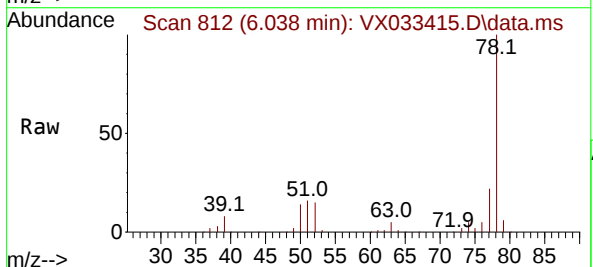
Manual Integrations
APPROVED

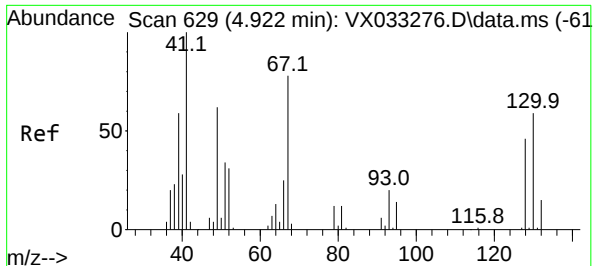
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 18.119 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

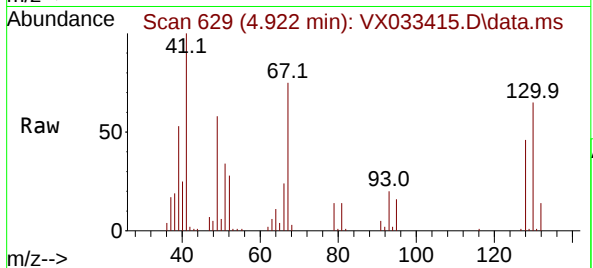
Tgt Ion: 78 Resp: 129036
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4





#41
Methacrylonitrile
Concen: 17.484 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

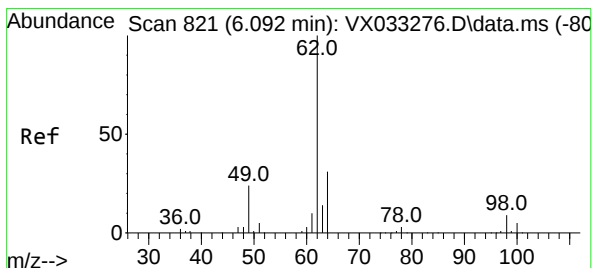
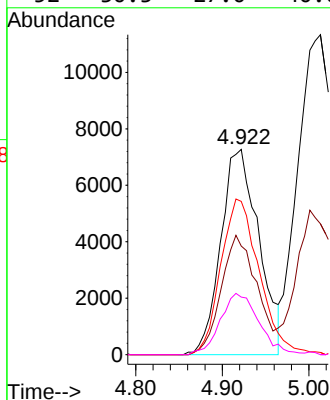
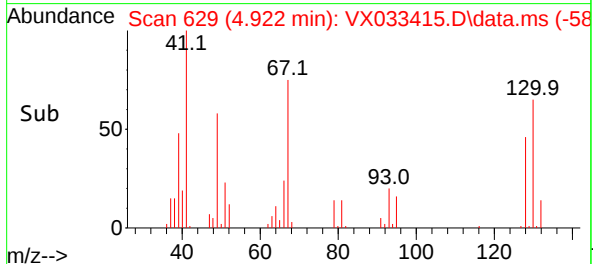
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 41 Resp: 2224
Ion Ratio Lower Upper
41 100
39 54.0 47.5 71.3
67 76.7 60.5 90.7
52 30.3 27.0 40.6

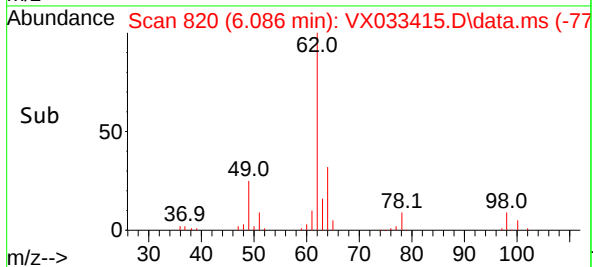
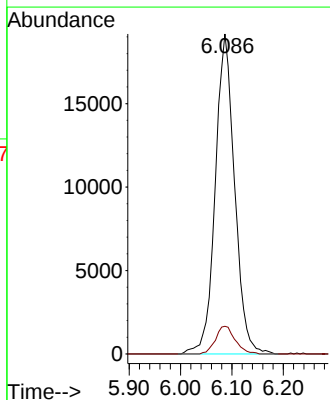
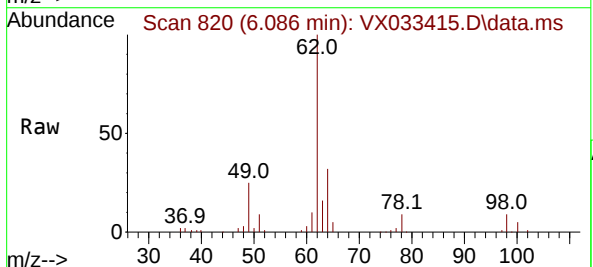
Manual Integrations
APPROVED

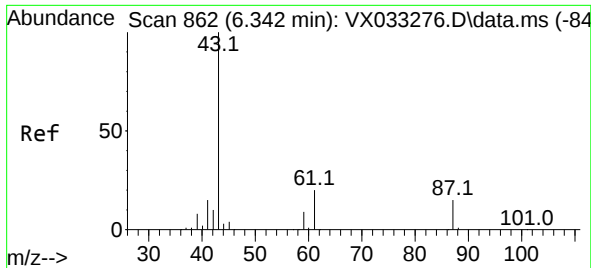
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 17.715 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

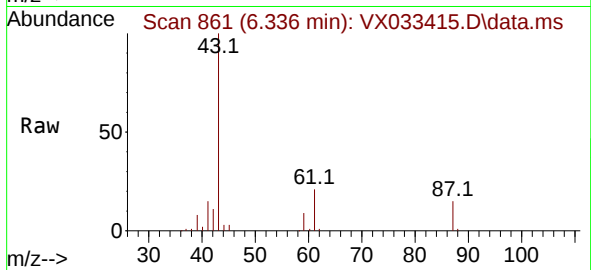
Tgt Ion: 62 Resp: 50097
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 17.113 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

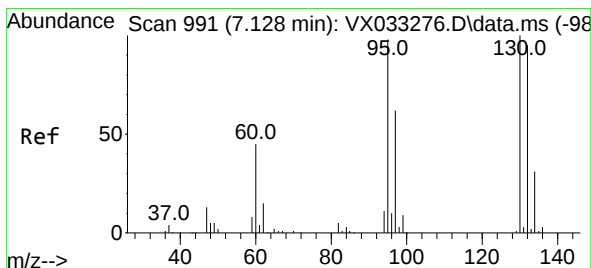
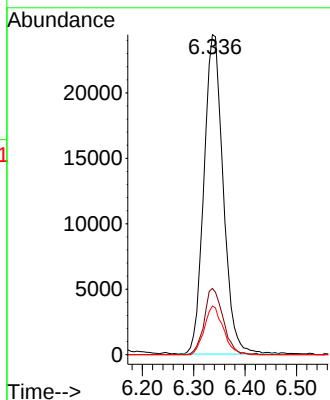
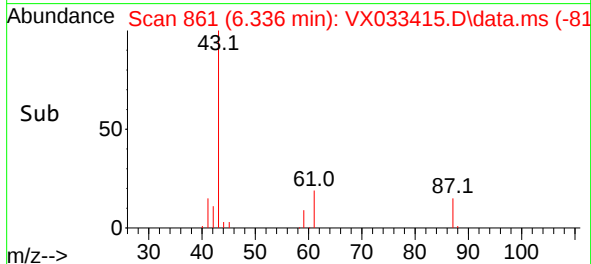
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 43 Resp: 63570
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.9 10.8 16.2

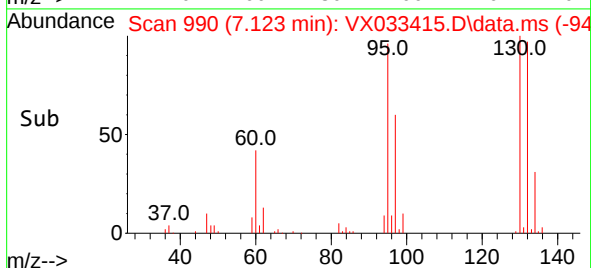
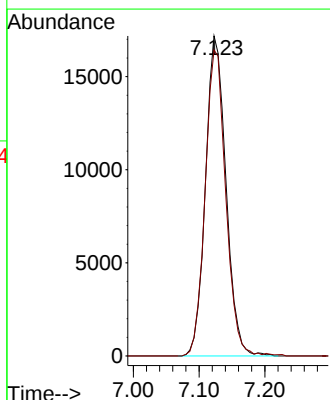
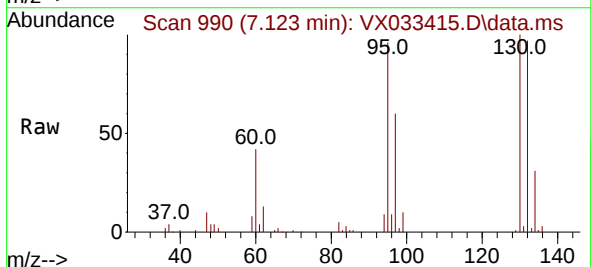
Manual Integrations
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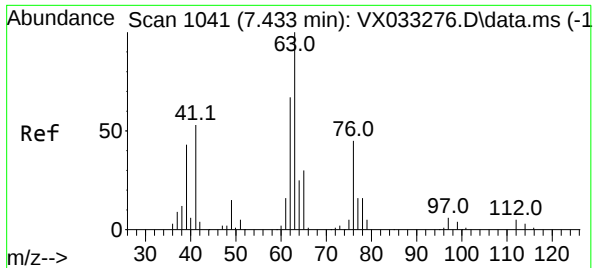
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#44
Trichloroethene
Concen: 18.957 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion:130 Resp: 37222
Ion Ratio Lower Upper
130 100
95 95.6 0.0 195.2





#45

1,2-Dichloropropane

Concen: 17.906 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 63 Resp: 3261

Ion Ratio Lower Upper

63 100

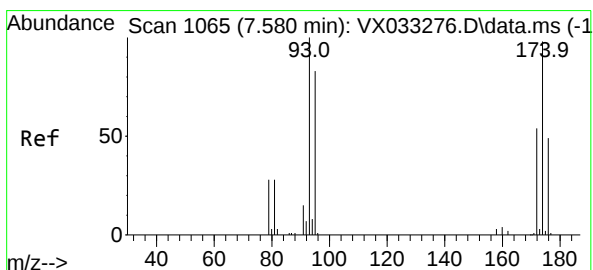
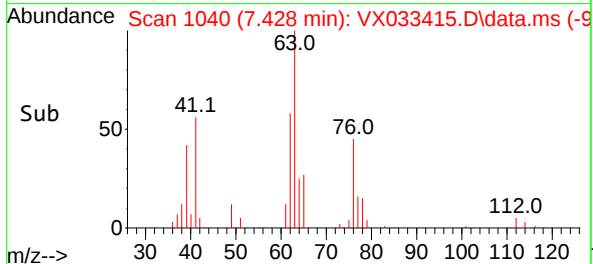
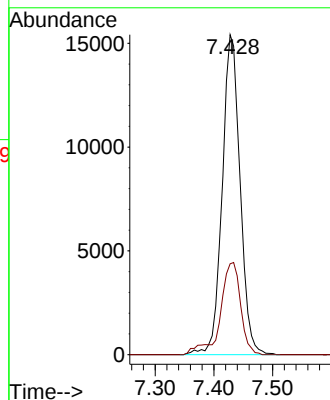
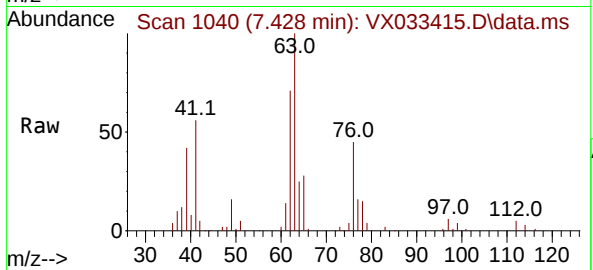
65 28.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 17.544 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

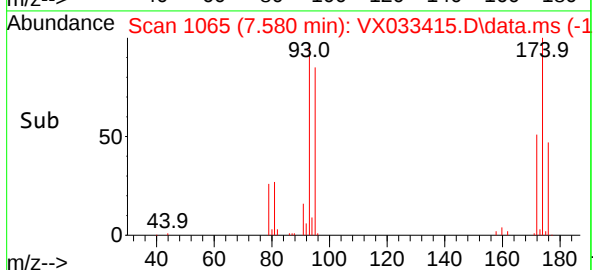
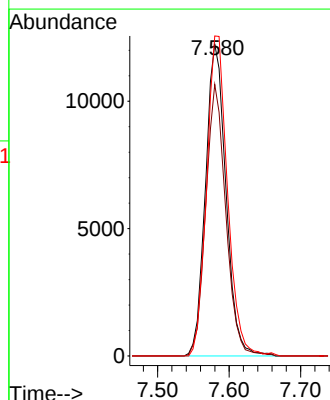
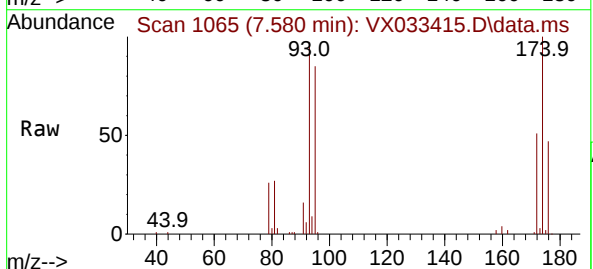
Tgt Ion: 93 Resp: 24341

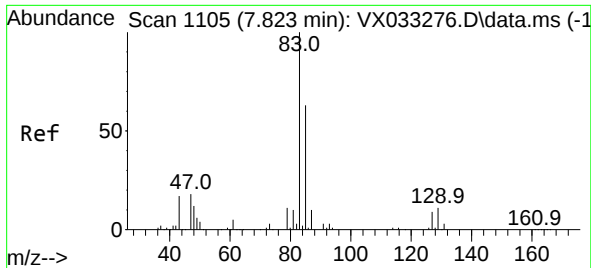
Ion Ratio Lower Upper

93 100

95 85.3 65.8 98.8

174 104.7 79.8 119.6





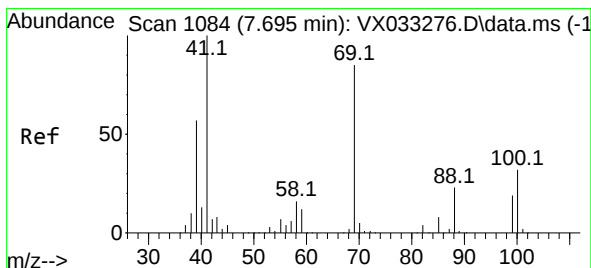
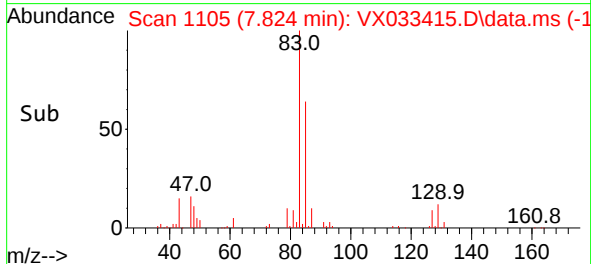
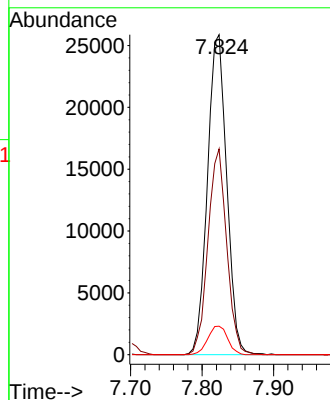
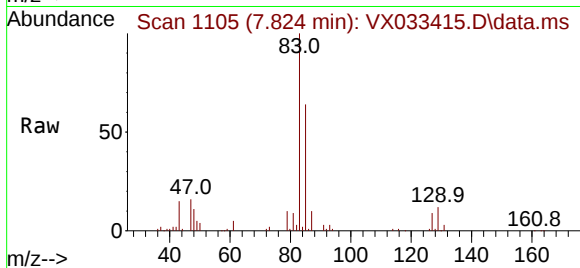
#47
Bromodichloromethane
Concen: 17.894 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 83 Resp: 48394
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.4
127 8.9 7.4 11.2

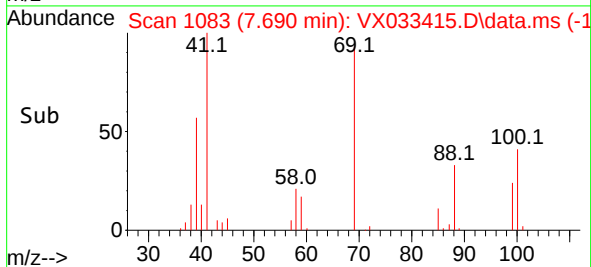
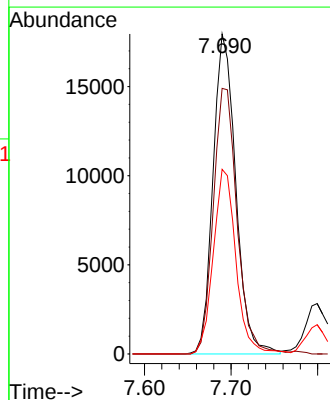
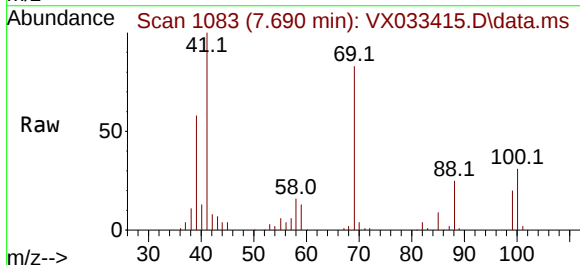
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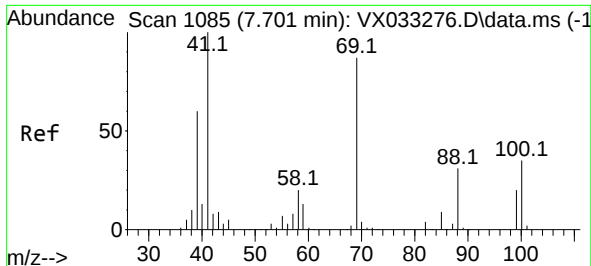
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 17.088 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 41 Resp: 32763
Ion Ratio Lower Upper
41 100
69 86.5 65.1 97.7
39 57.6 51.9 77.9





#49

1,4-Dioxane

Concen: 351.137 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 88 Resp: 1535

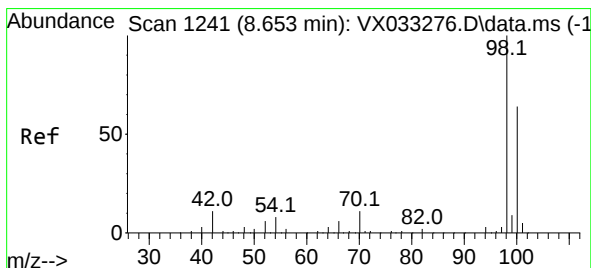
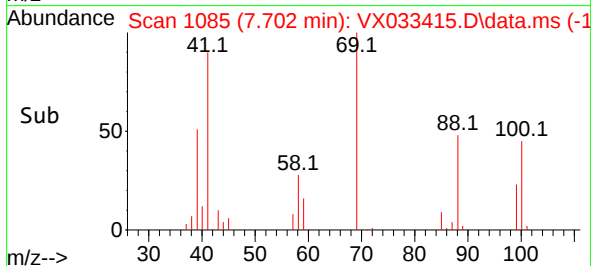
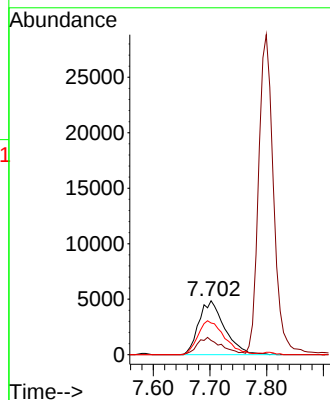
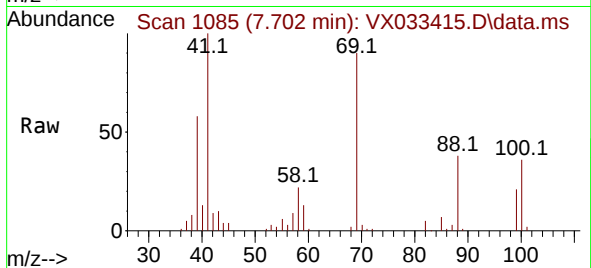
Ion	Ratio	Lower	Upper
88	100		
43	29.4	26.6	39.8
58	64.1	51.7	77.5

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 55.276 ug/l

RT: 8.647 min Scan# 1240

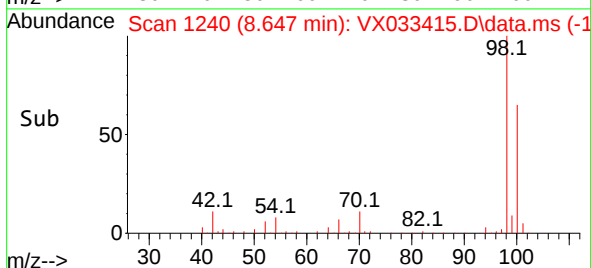
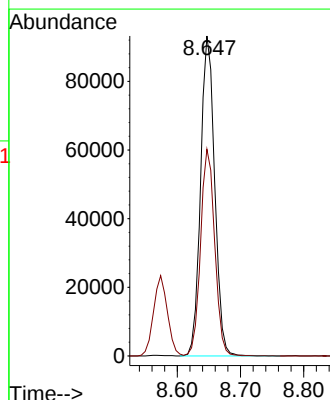
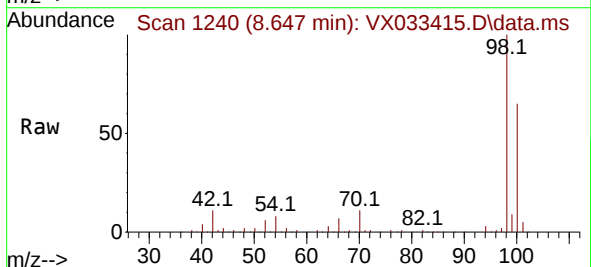
Delta R.T. -0.006 min

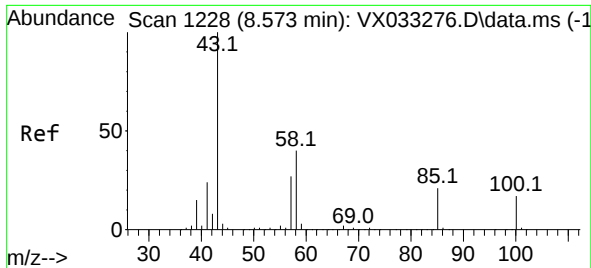
Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Tgt Ion: 98 Resp: 144866

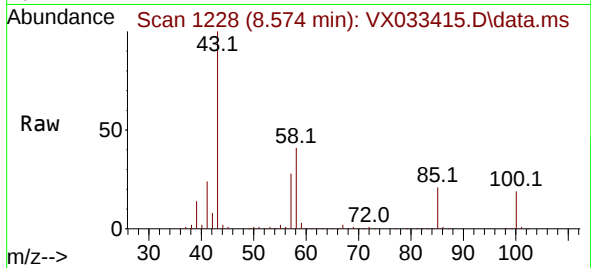
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 87.818 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

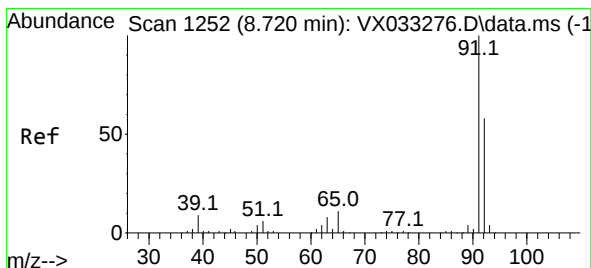
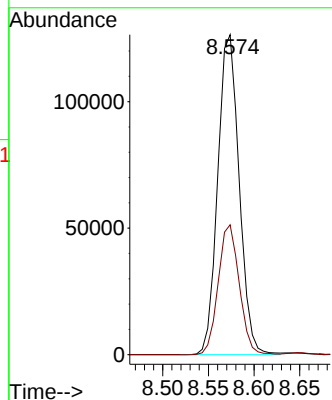
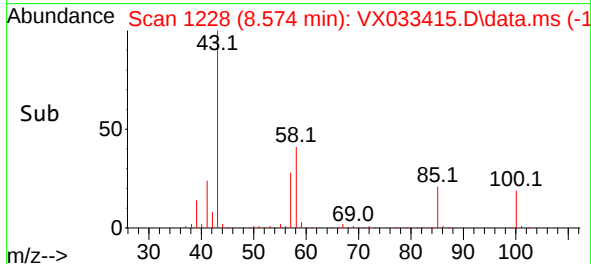
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 43 Resp: 206310
Ion Ratio Lower Upper
43 100
58 39.9 30.9 46.3

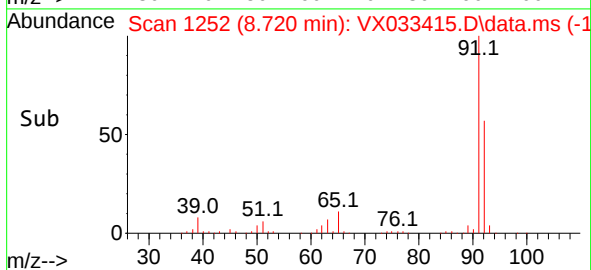
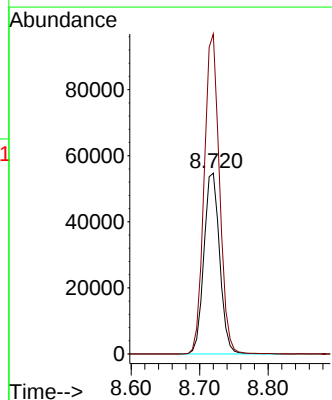
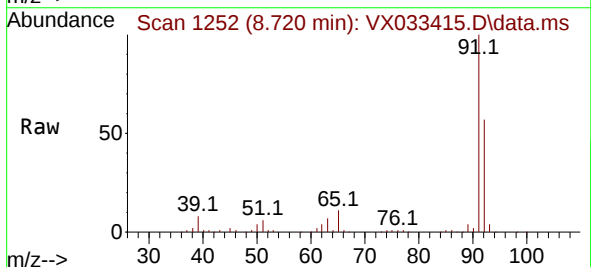
Manual Integrations
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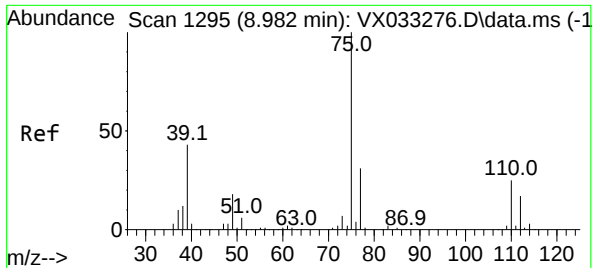
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 19.032 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 92 Resp: 87631
Ion Ratio Lower Upper
92 100
91 172.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 18.134 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 75 Resp: 47802

Ion Ratio Lower Upper

75 100

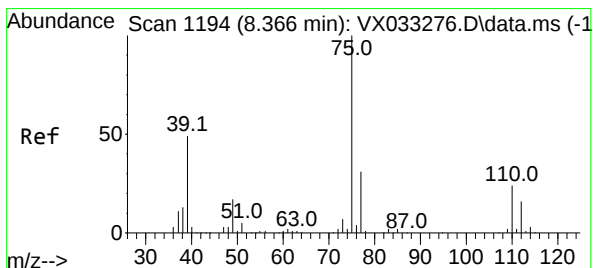
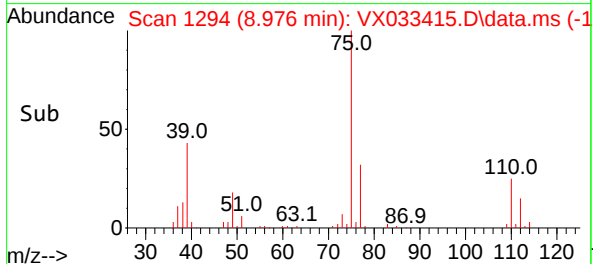
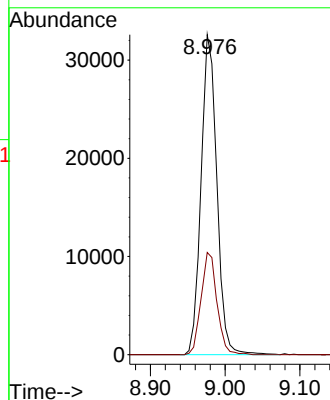
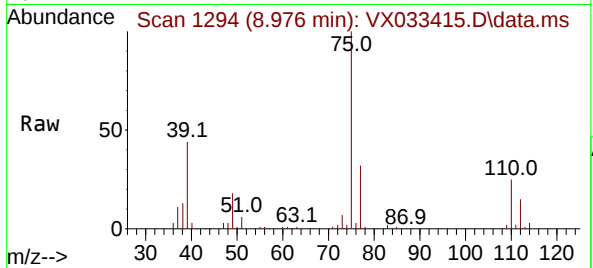
77 31.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#54

cis-1,3-Dichloropropene

Concen: 18.164 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

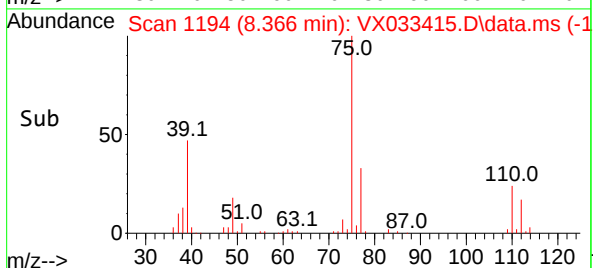
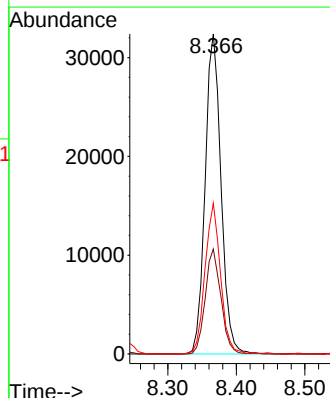
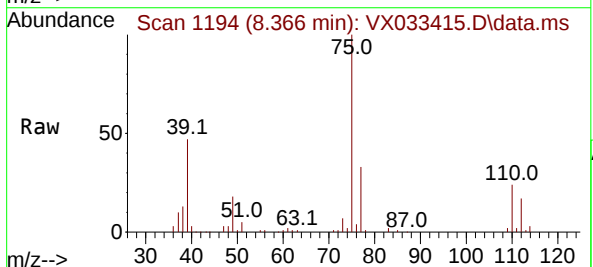
Tgt Ion: 75 Resp: 52274

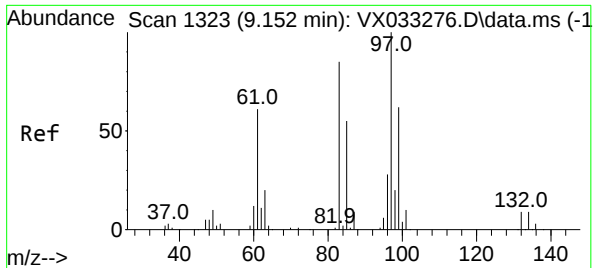
Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

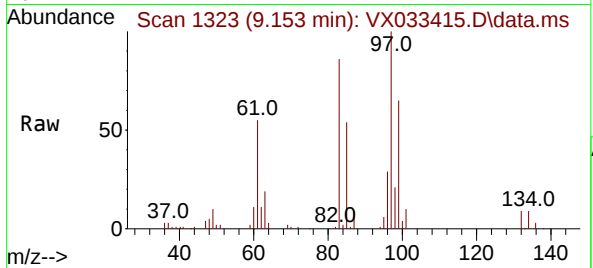
39 47.1 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 18.500 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

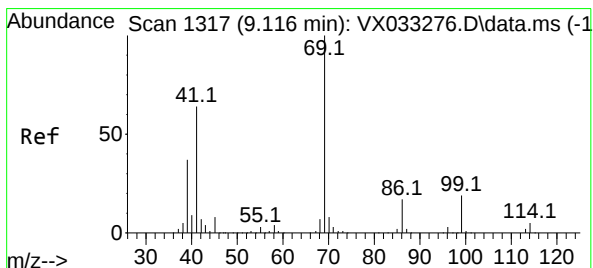
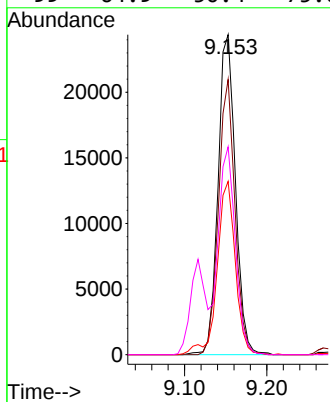
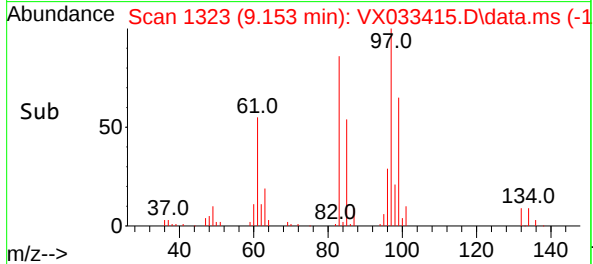


Tgt Ion: 97 Resp: 3580

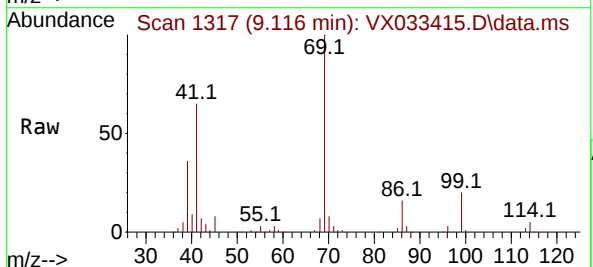
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.1	102.1
85	54.1	43.3	64.9
99	64.9	50.4	75.6

Manual Integrations
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Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

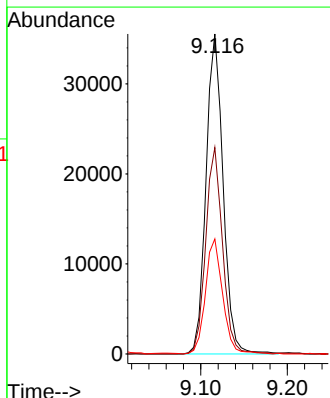
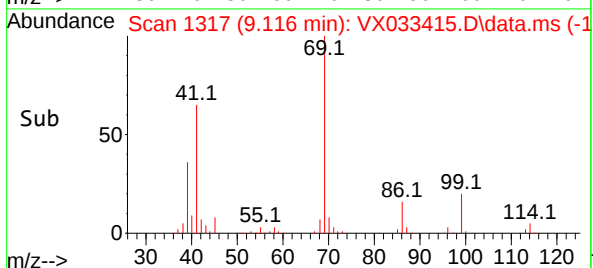


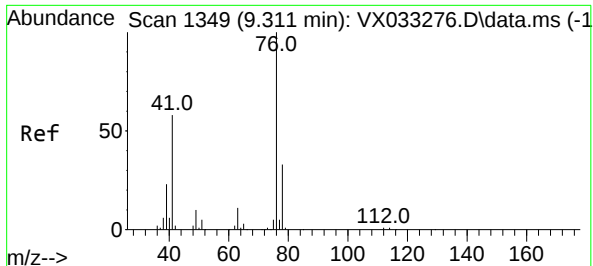
#56
Ethyl methacrylate
Concen: 17.882 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



Tgt Ion: 69 Resp: 48732

Ion	Ratio	Lower	Upper
69	100		
41	63.8	54.3	81.5
39	36.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 18.322 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion: 76 Resp: 5696

Ion Ratio Lower Upper

76 100

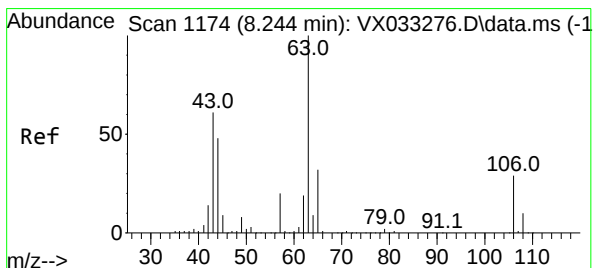
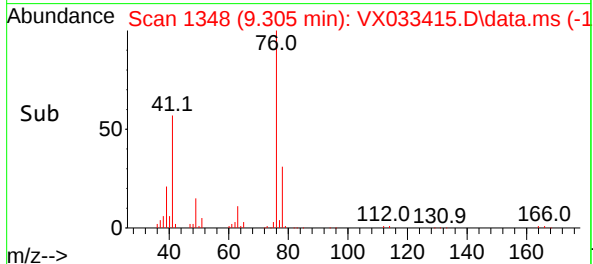
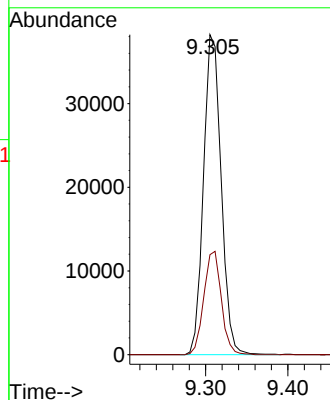
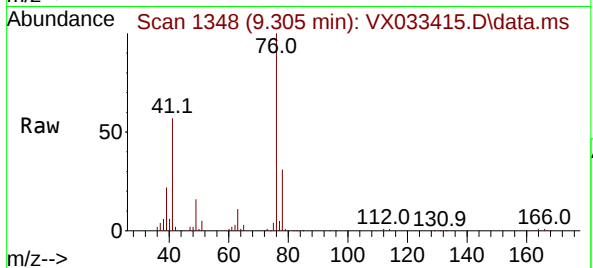
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 58.299 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033415.D

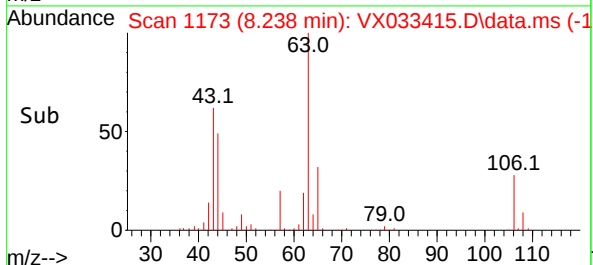
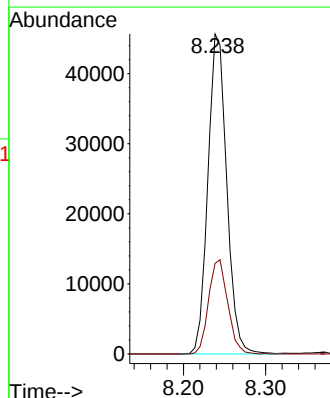
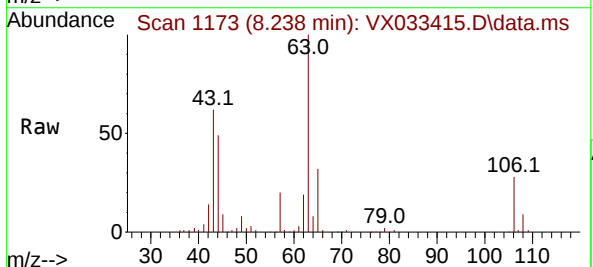
Acq: 14 Dec 2022 13:30

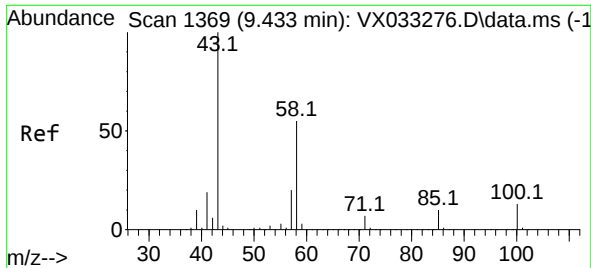
Tgt Ion: 63 Resp: 72694

Ion Ratio Lower Upper

63 100

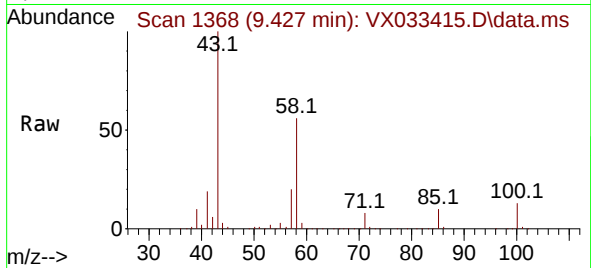
106 29.8 23.3 34.9





#59
2-Hexanone
Concen: 92.503 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

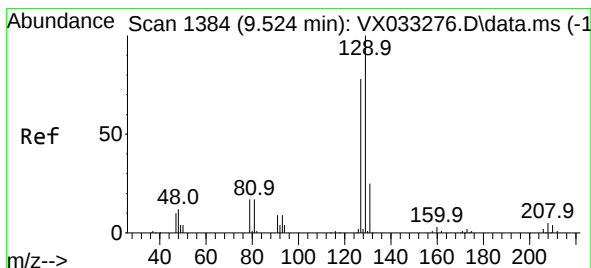
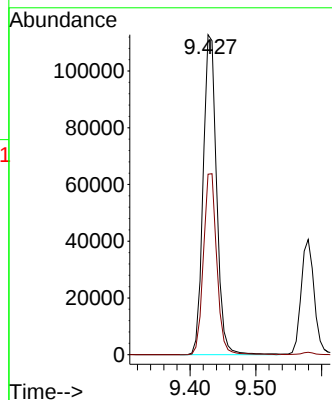
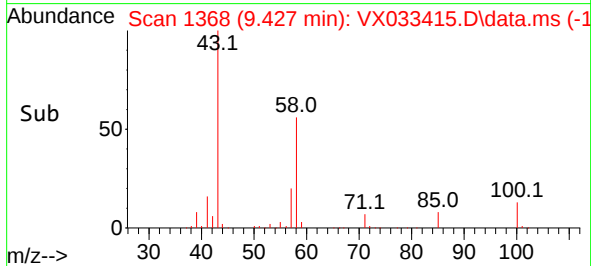
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 43 Resp: 160148
Ion Ratio Lower Upper
43 100
58 56.1 26.5 79.5

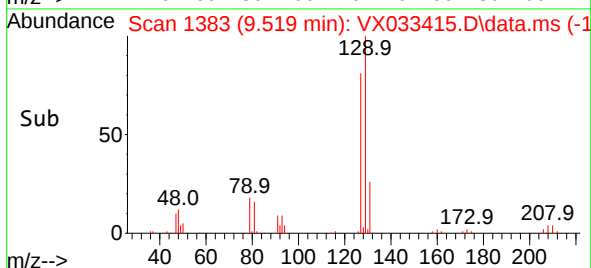
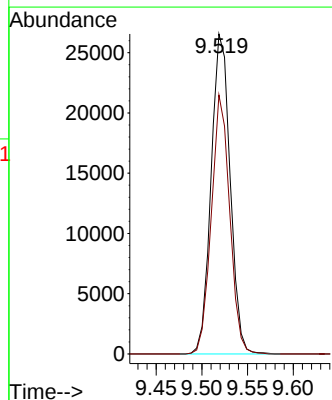
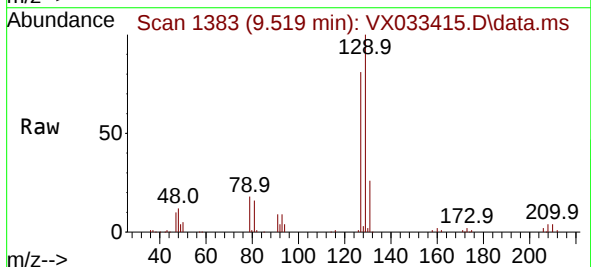
Manual Integrations
APPROVED

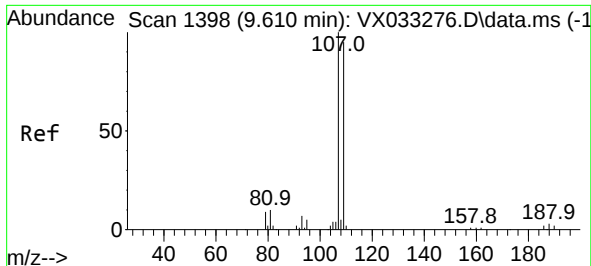
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 17.977 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion:129 Resp: 38336
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





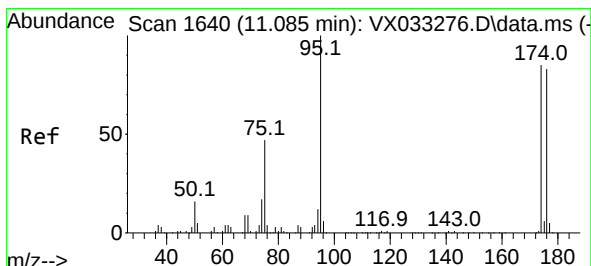
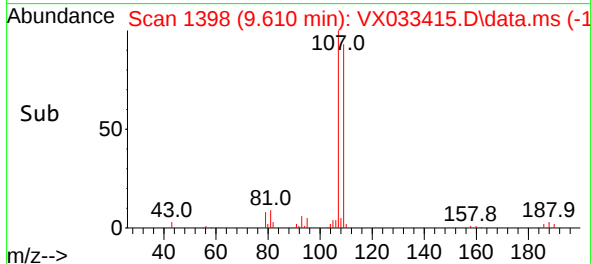
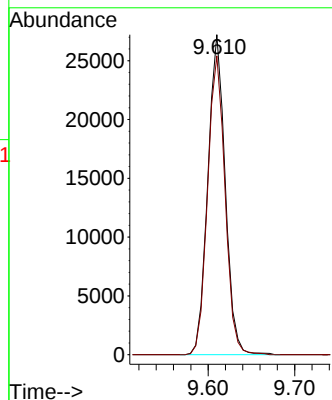
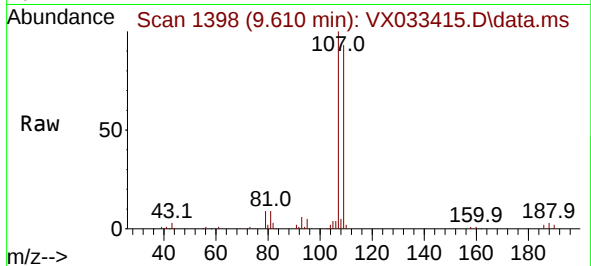
#61
1,2-Dibromoethane
Concen: 18.424 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion:107 Resp: 3793
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

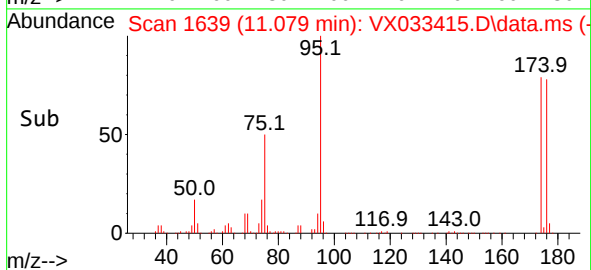
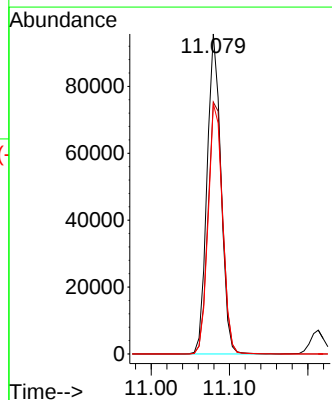
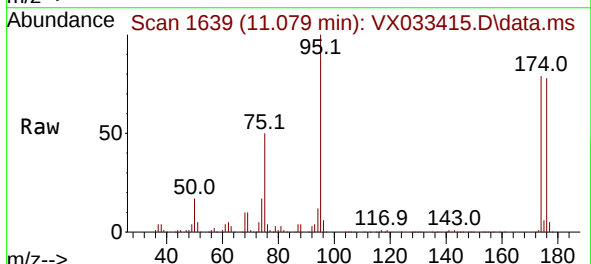
Manual Integrations
APPROVED

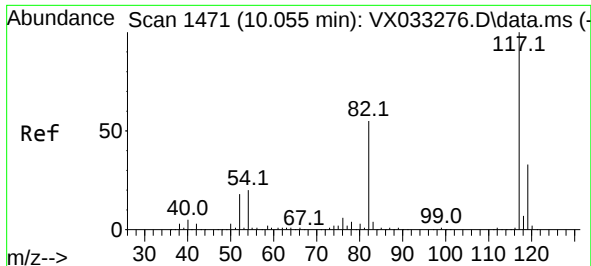
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 58.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

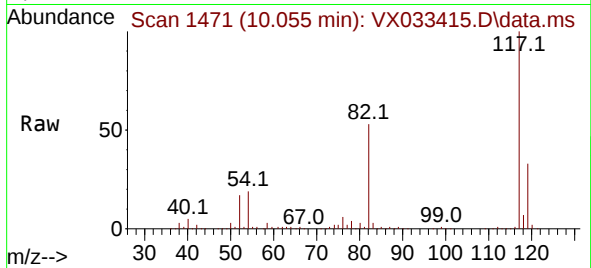
Tgt Ion: 95 Resp: 117189
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 81.0 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

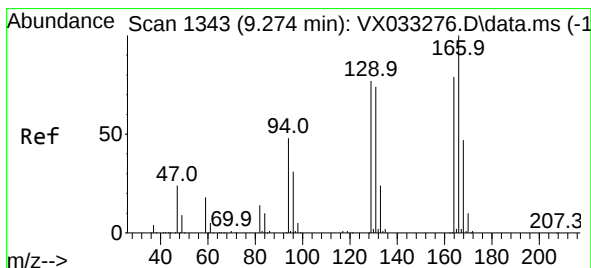
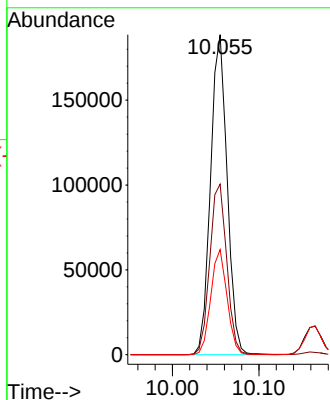
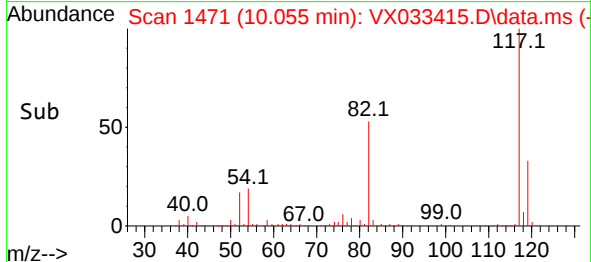
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion:117 Resp: 25125
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.9 25.7 38.5

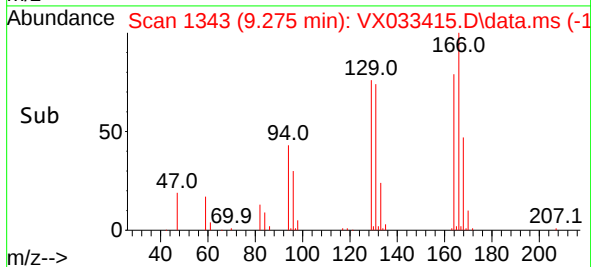
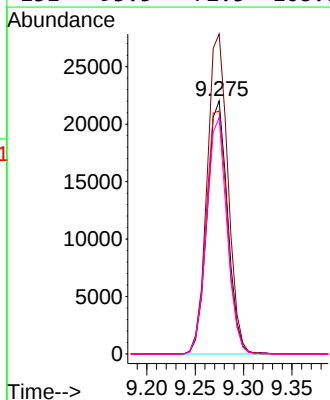
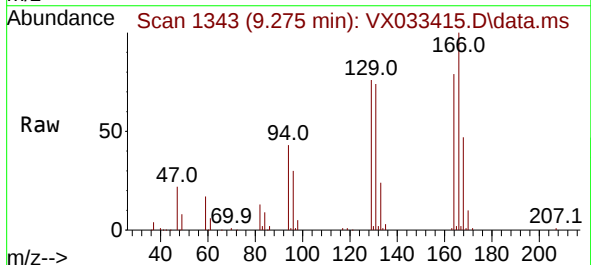
Manual Integrations
APPROVED

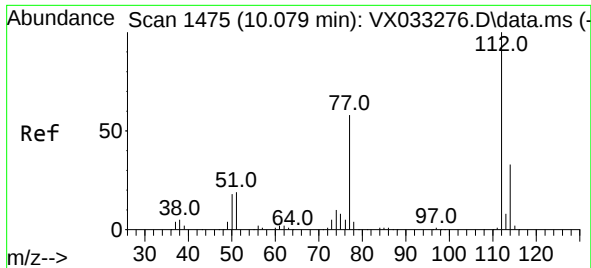
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 18.890 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion:164 Resp: 32454
Ion Ratio Lower Upper
164 100
166 126.5 105.4 158.2
129 96.1 78.2 117.2
131 93.5 72.5 108.7





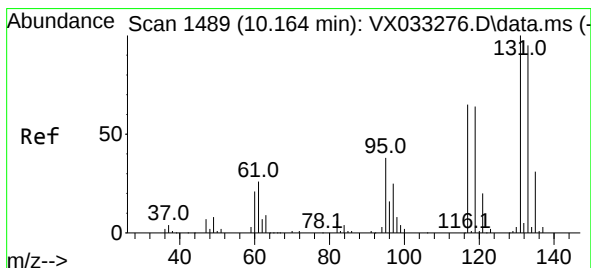
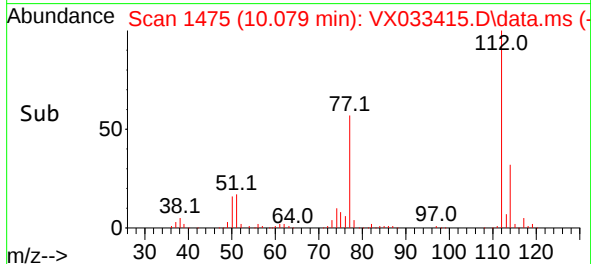
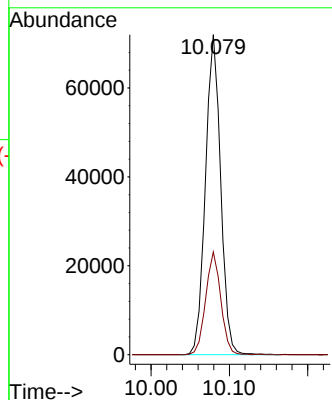
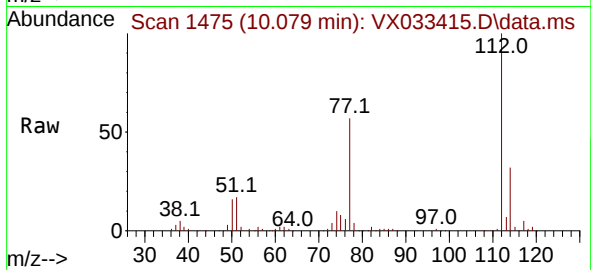
#65
Chlorobenzene
Concen: 19.016 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion:112 Resp: 9675
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

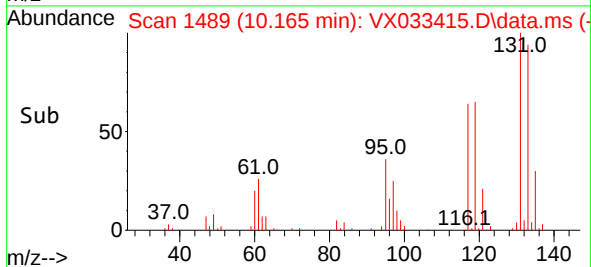
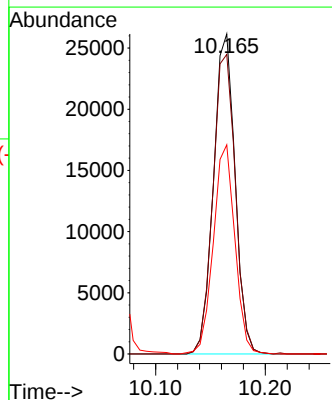
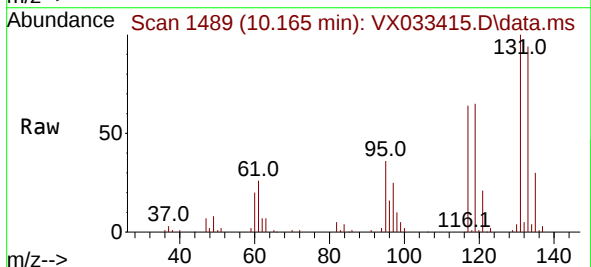
Manual Integrations
APPROVED

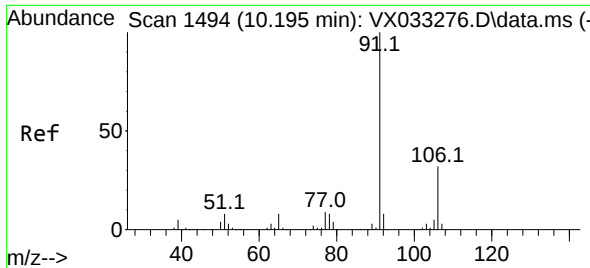
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.575 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

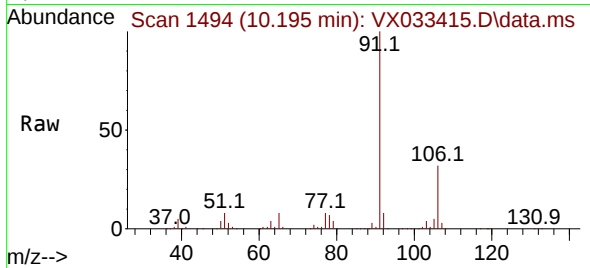
Tgt Ion:131 Resp: 35715
Ion Ratio Lower Upper
131 100
133 97.4 47.6 142.9
119 65.4 32.4 97.0





#67
Ethyl Benzene
Concen: 19.186 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

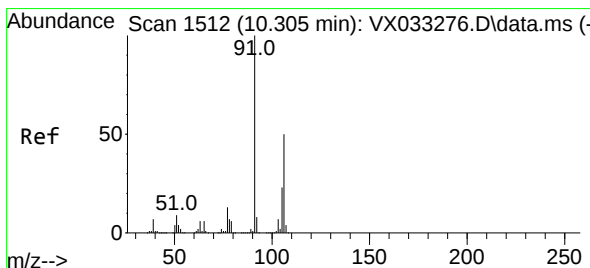
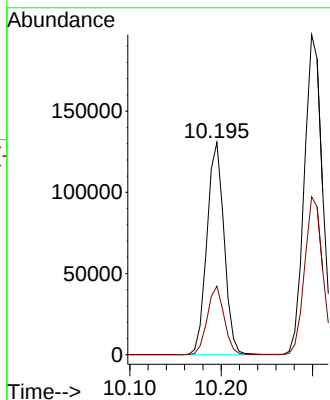
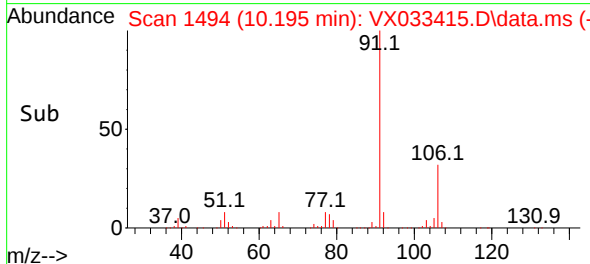
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



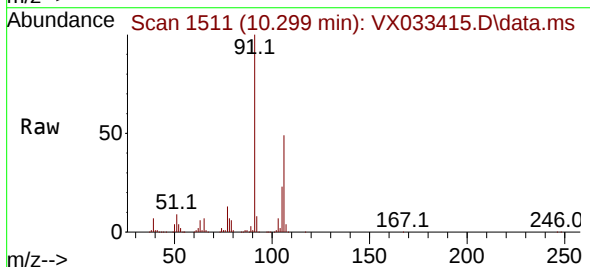
Tgt Ion: 91 Resp: 170069
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6

Manual Integrations
APPROVED

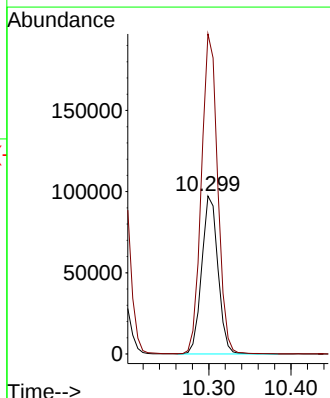
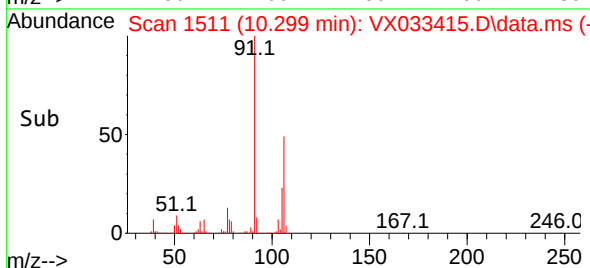
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

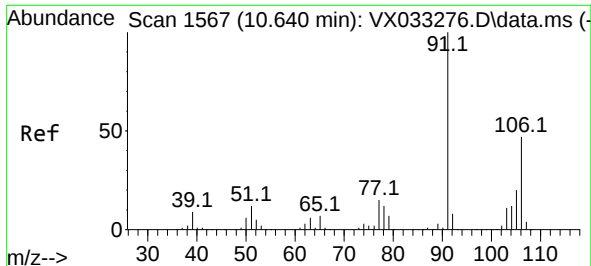


#68
m/p-Xylenes
Concen: 38.715 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



Tgt Ion:106 Resp: 133518
Ion Ratio Lower Upper
106 100
91 202.8 164.5 246.7





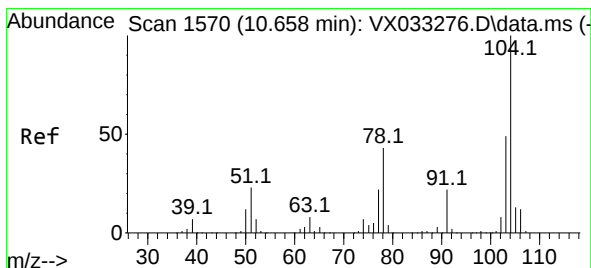
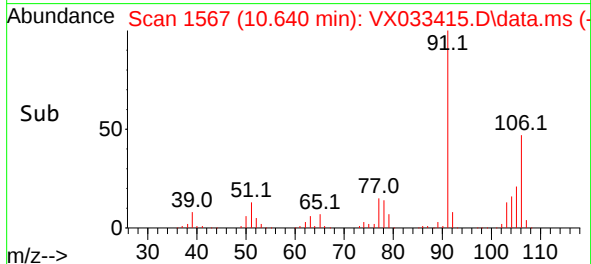
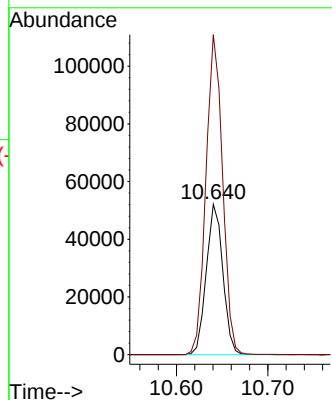
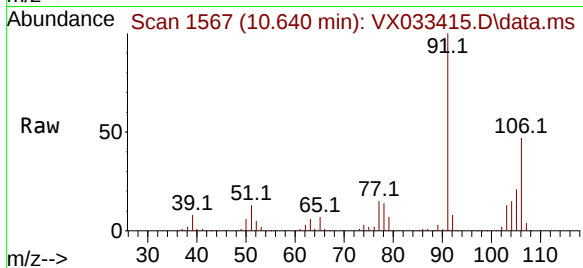
#69
o-Xylene
Concen: 19.241 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion:106 Resp: 6559
Ion Ratio Lower Upper
106 100
91 213.6 109.2 327.6

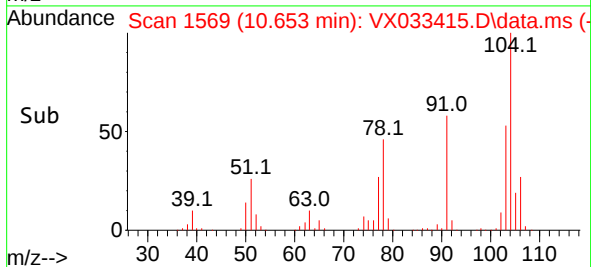
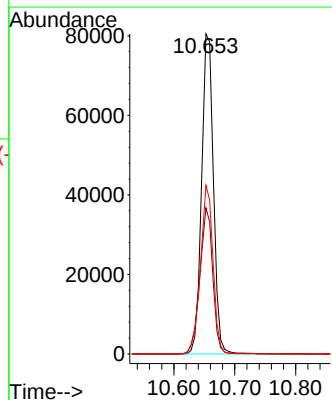
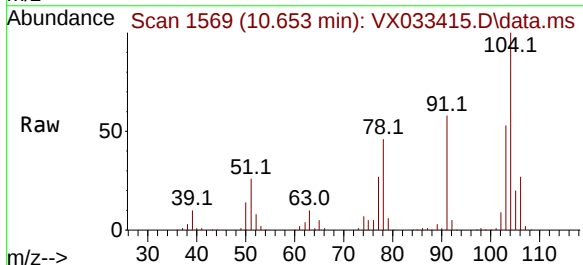
Manual Integrations
APPROVED

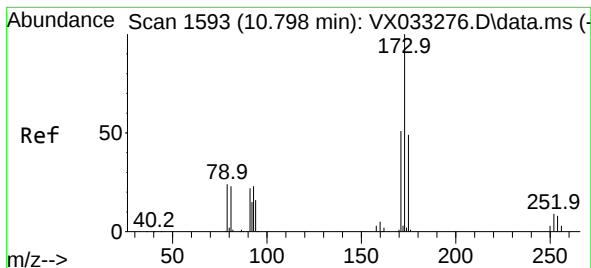
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 19.444 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

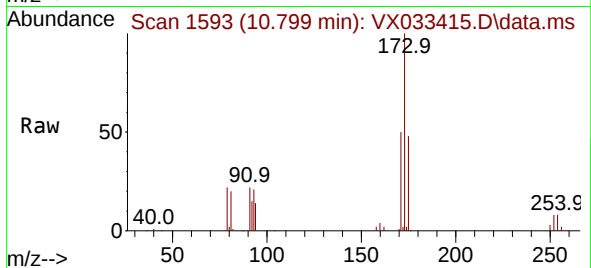
Tgt Ion:104 Resp: 108552
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 56.0 44.5 66.7





#71
Bromoform
Concen: 18.190 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

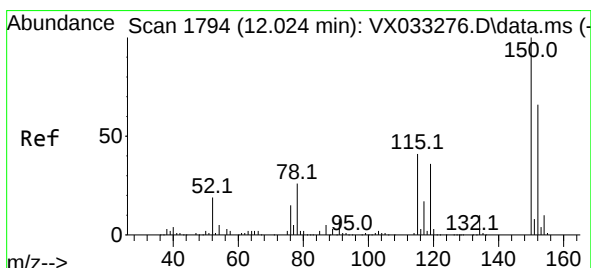
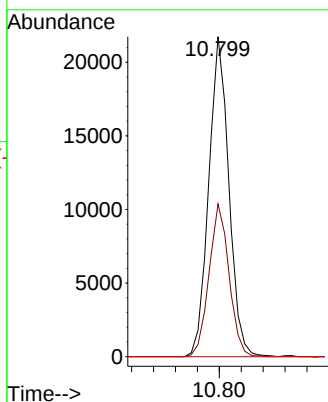
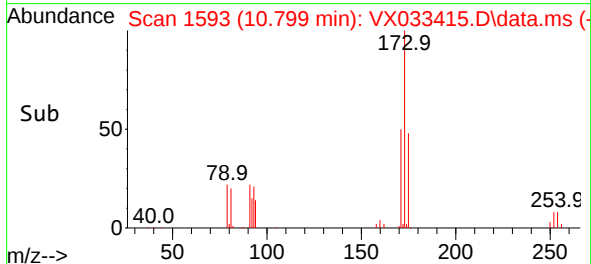
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



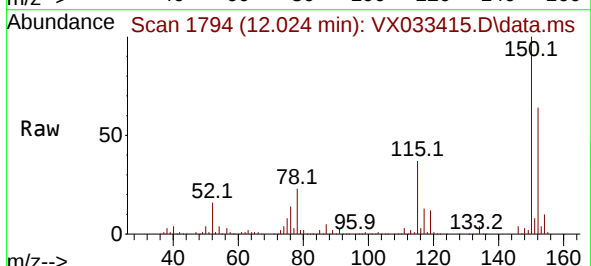
Tgt Ion:173 Resp: 27685
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

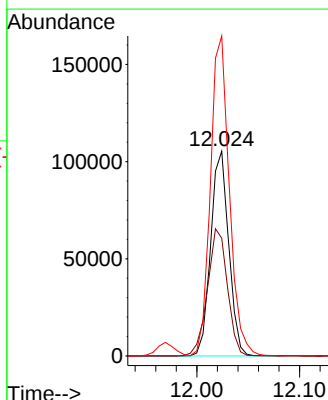
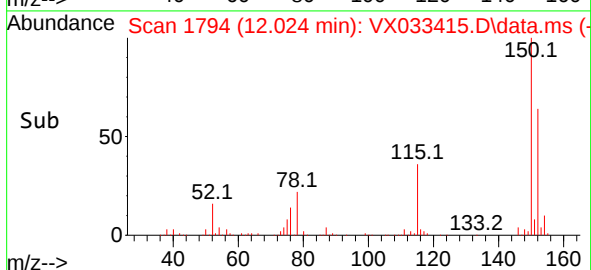
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

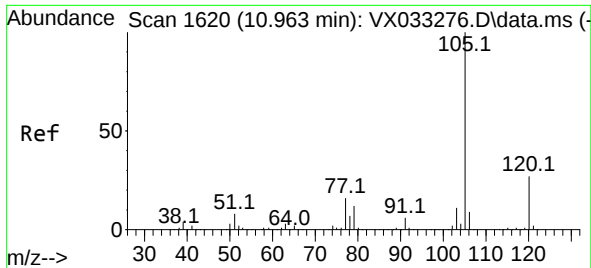


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



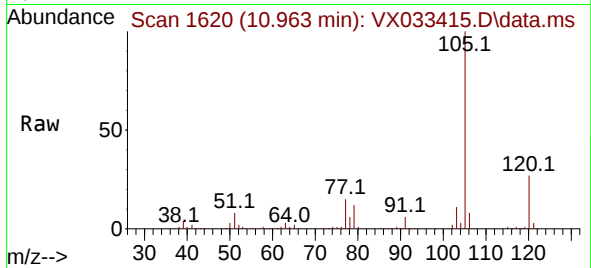
Tgt Ion:152 Resp: 128360
Ion Ratio Lower Upper
152 100
115 68.6 44.0 132.0
150 163.6 0.0 351.8





#73
Isopropylbenzene
Concen: 18.794 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

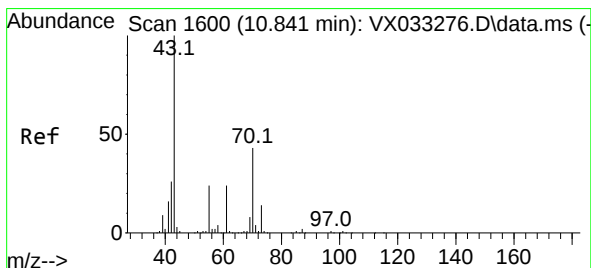
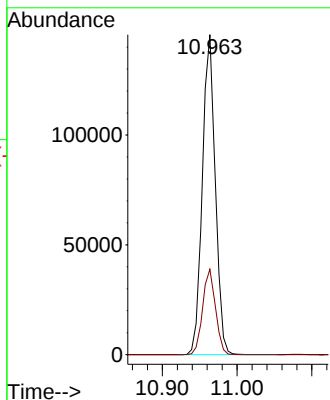
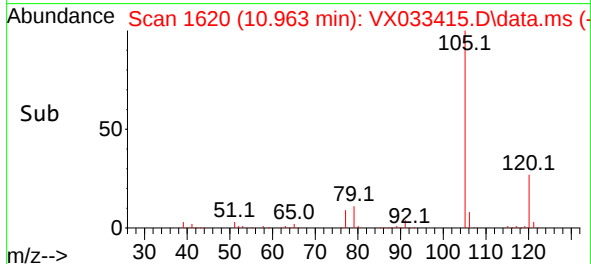
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



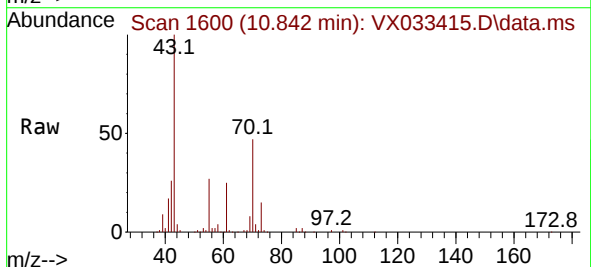
Tgt Ion:105 Resp: 174852
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

Manual Integrations
APPROVED

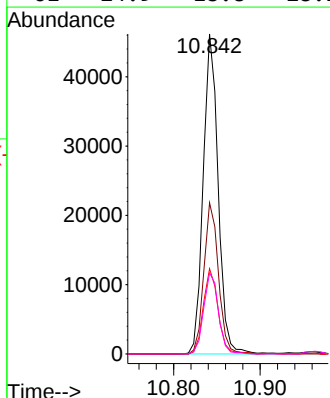
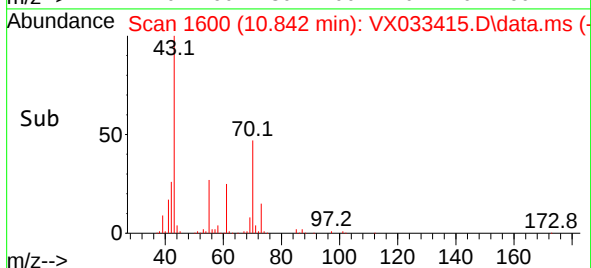
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

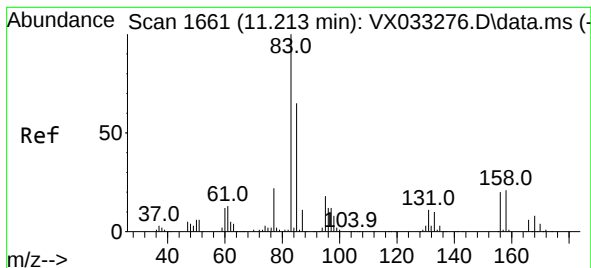


#74
N-ethyl acetate
Concen: 17.417 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



Tgt Ion: 43 Resp: 55285
Ion Ratio Lower Upper
43 100
70 46.3 33.6 50.4
55 26.3 19.4 29.2
61 24.9 18.8 28.2





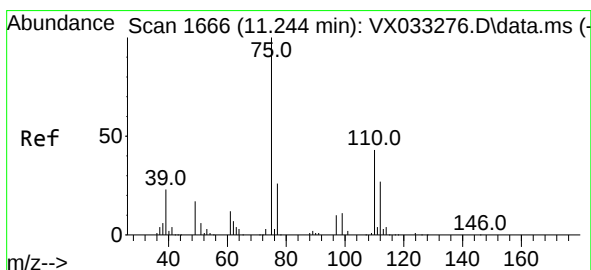
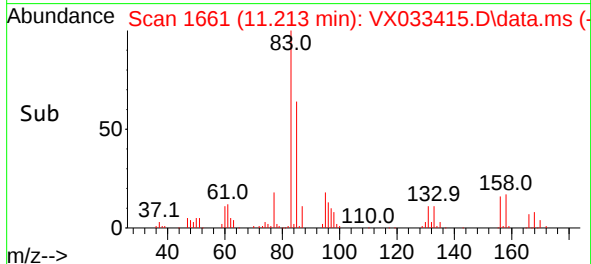
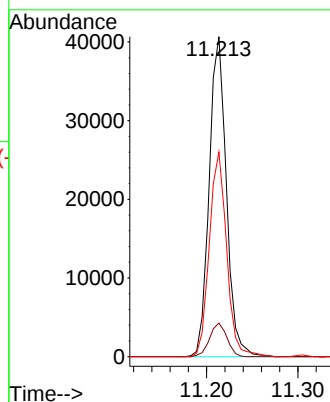
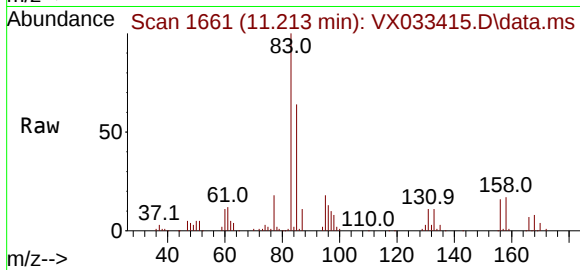
#75
1,1,2,2-Tetrachloroethane
Concen: 17.964 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 83 Resp: 53020
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.4 31.9 95.9

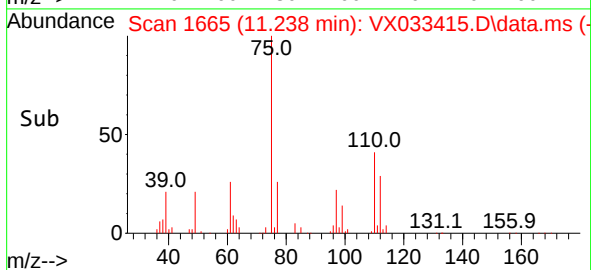
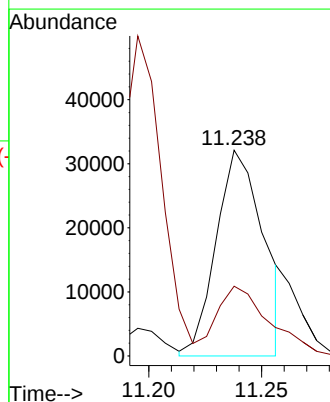
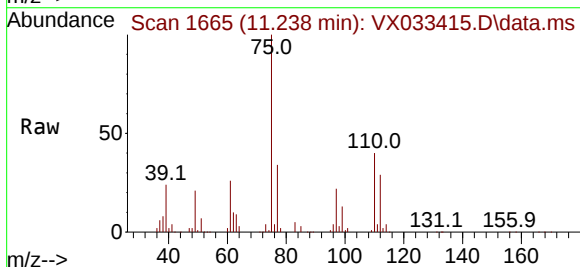
Manual Integrations
APPROVED

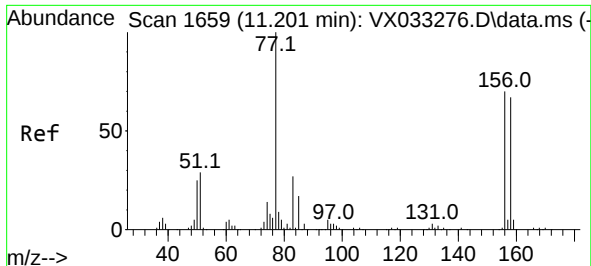
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 17.886 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

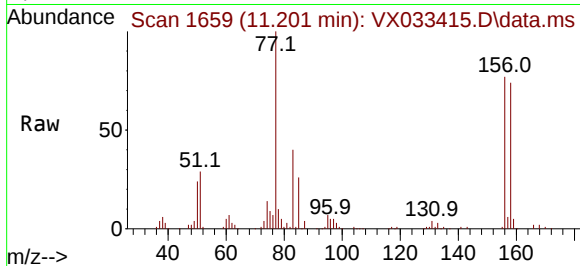
Tgt Ion: 75 Resp: 46710
Ion Ratio Lower Upper
75 100
77 38.4 20.0 60.0





#77
Bromobenzene
Concen: 18.246 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

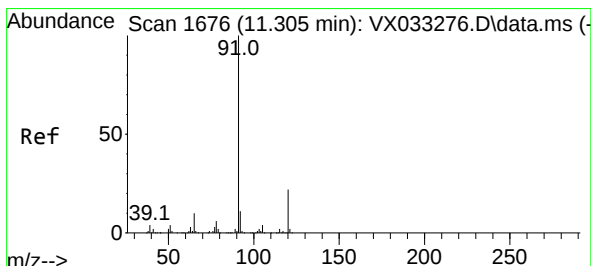
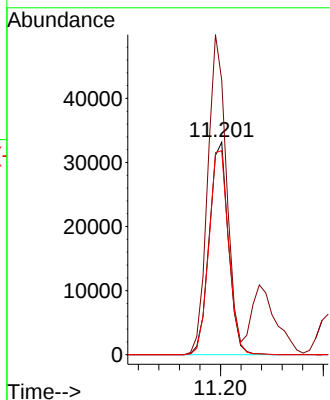
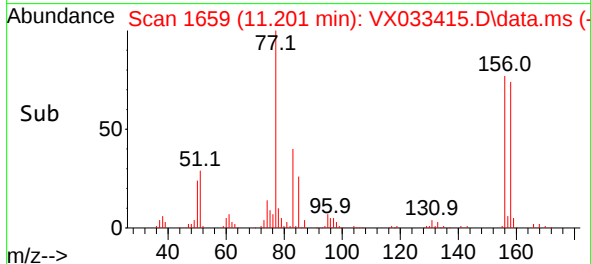
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



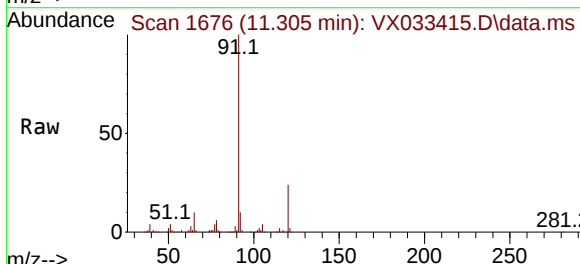
Tgt Ion:156 Resp: 4286
Ion Ratio Lower Upper
156 100
77 147.5 76.1 228.4
158 98.9 48.8 146.3

Manual Integrations
APPROVED

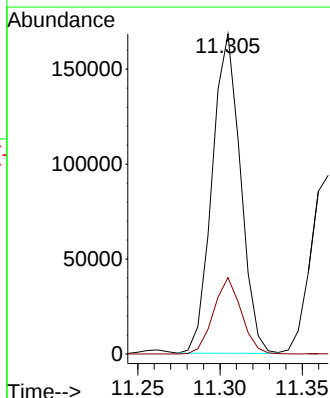
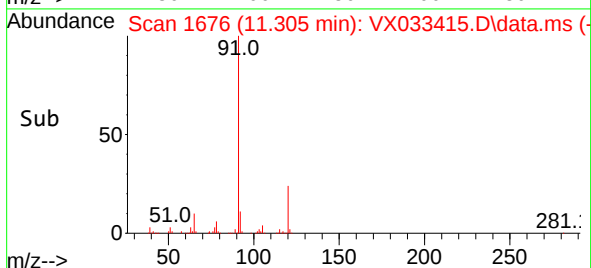
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

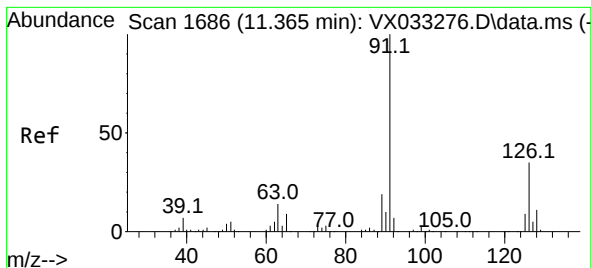


#78
n-propylbenzene
Concen: 19.377 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



Tgt Ion: 91 Resp: 201296
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





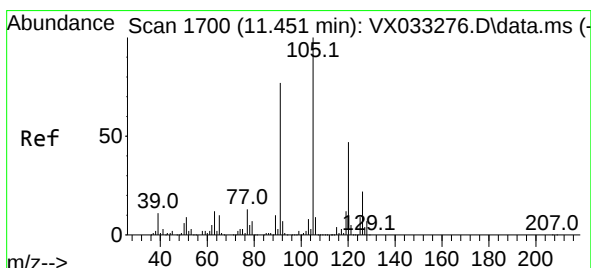
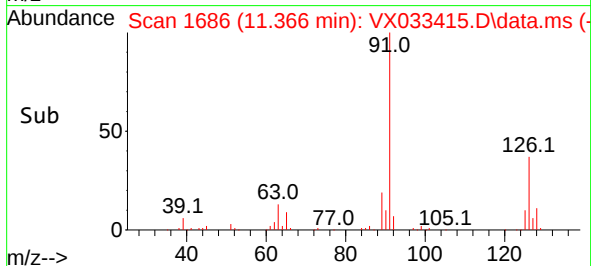
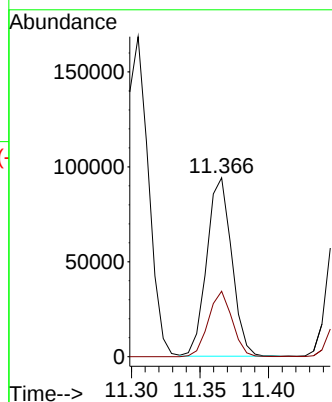
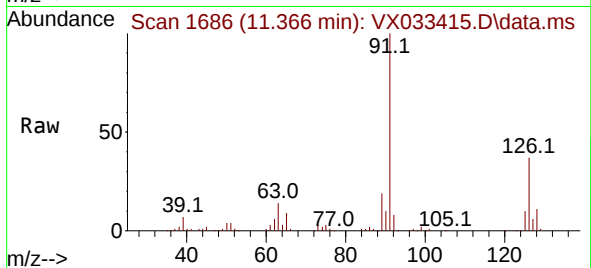
#79
2-Chlorotoluene
Concen: 18.537 ug/l
RT: 11.366 min Scan# 11901
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion: 91 Resp: 11901
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2

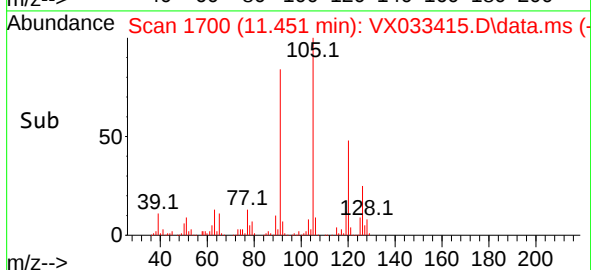
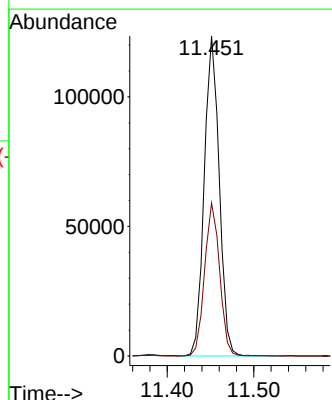
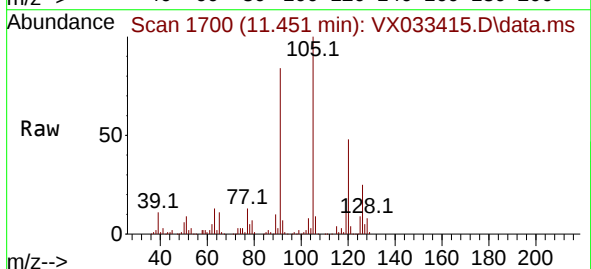
Manual Integrations
APPROVED

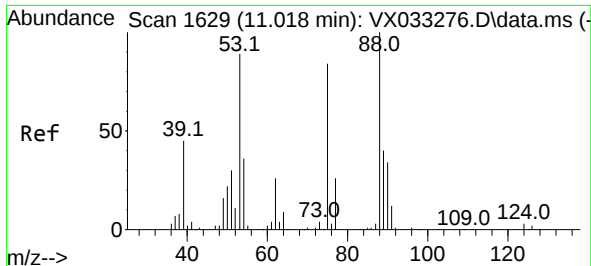
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.148 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

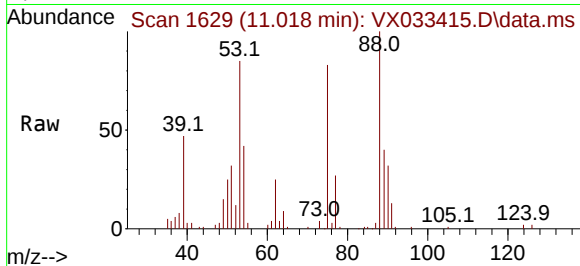
Tgt Ion:105 Resp: 148294
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.121 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

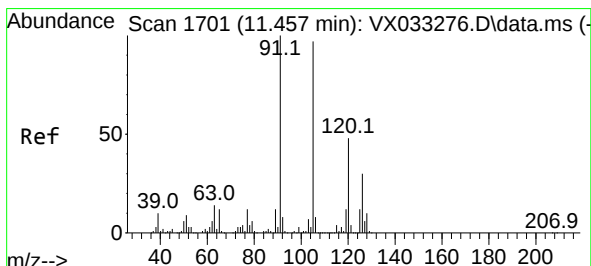
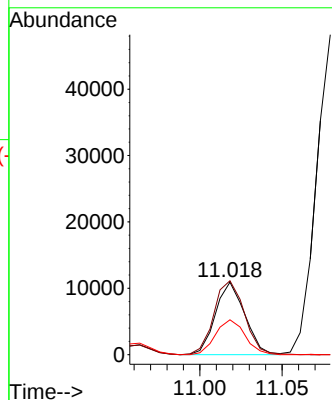
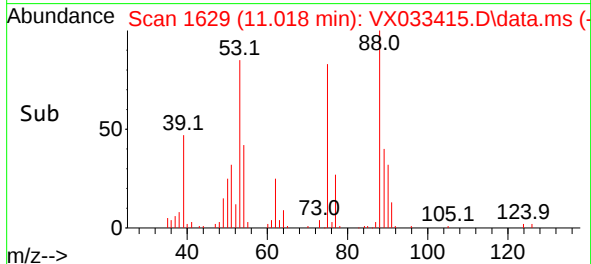
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



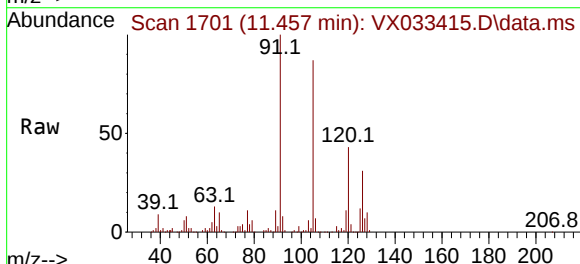
Tgt Ion: 75 Resp: 13534
Ion Ratio Lower Upper
75 100
53 105.8 86.9 130.3
89 48.5 38.3 57.5

Manual Integrations
APPROVED

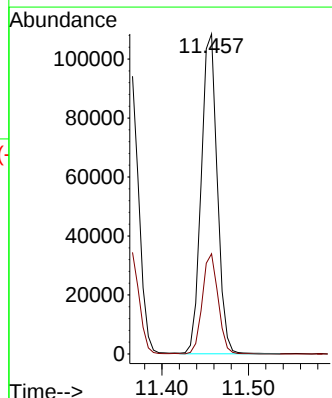
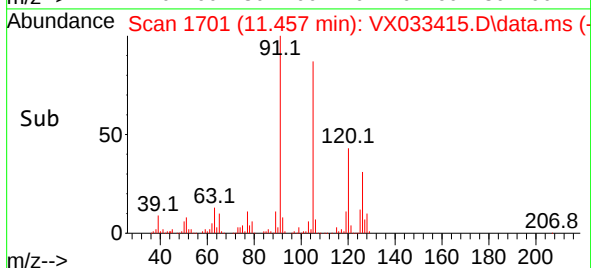
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

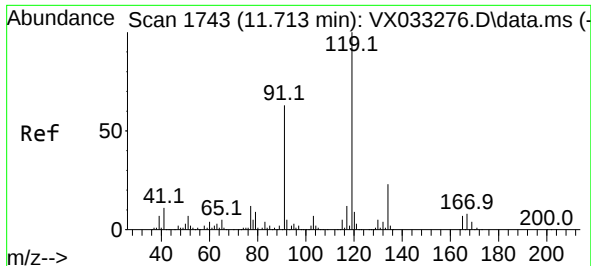


#82
4-Chlorotoluene
Concen: 18.664 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



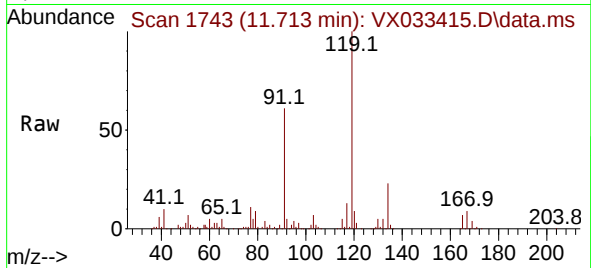
Tgt Ion: 91 Resp: 139329
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 19.472 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

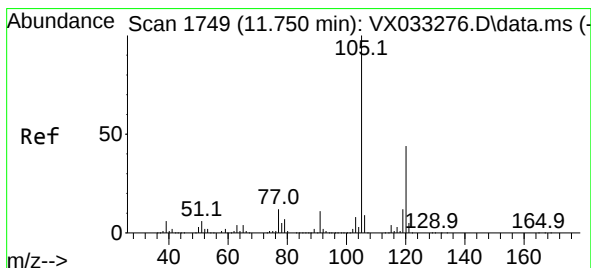
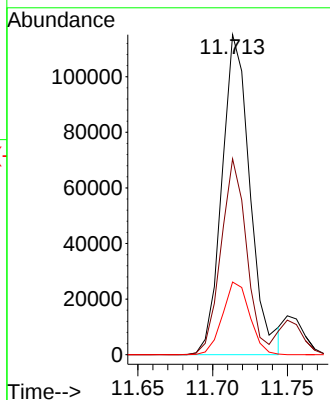
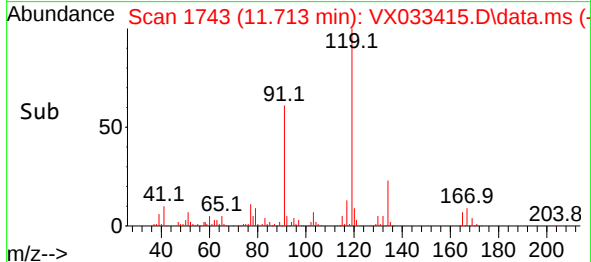
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



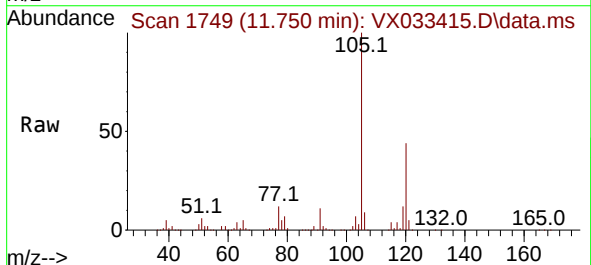
Tgt Ion:119 Resp: 150379
Ion Ratio Lower Upper
119 100
91 55.9 29.4 88.2
134 21.9 11.0 33.0

Manual Integrations
APPROVED

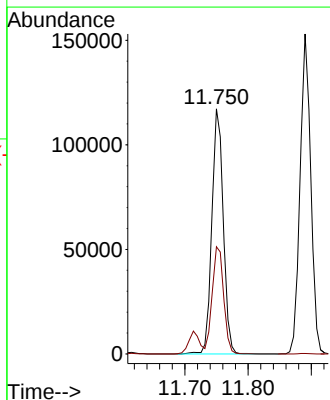
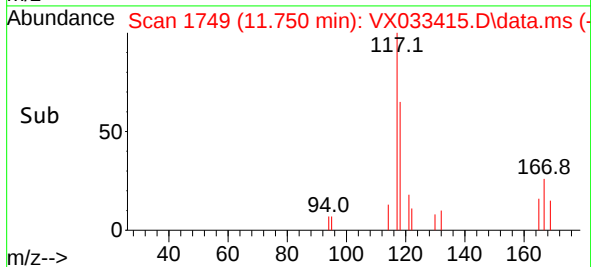
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

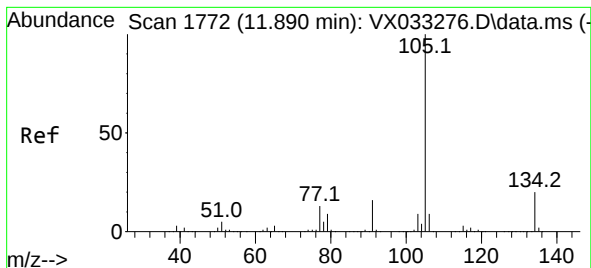


#84
1,2,4-Trimethylbenzene
Concen: 19.056 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



Tgt Ion:105 Resp: 147309
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.5





#85

sec-Butylbenzene

Concen: 19.859 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:105 Resp: 178934

Ion Ratio Lower Upper

105 100

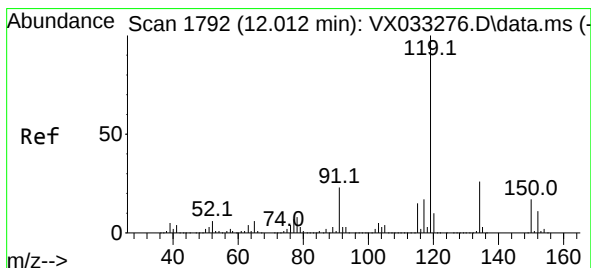
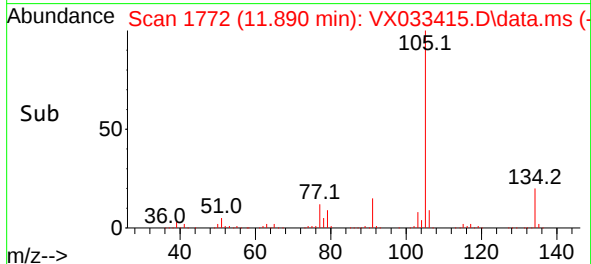
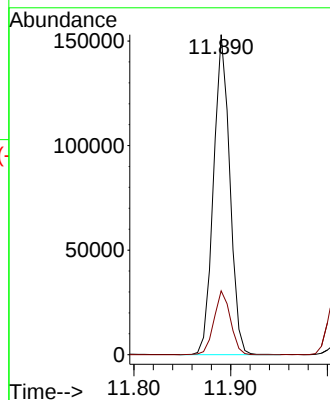
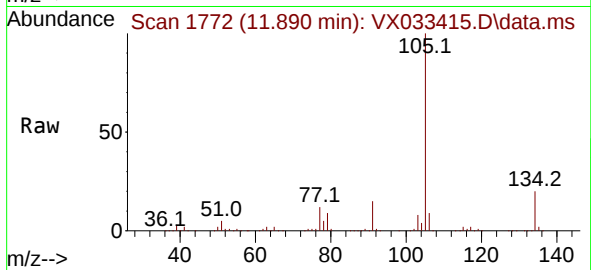
134 20.1 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#86

p-Isopropyltoluene

Concen: 19.652 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

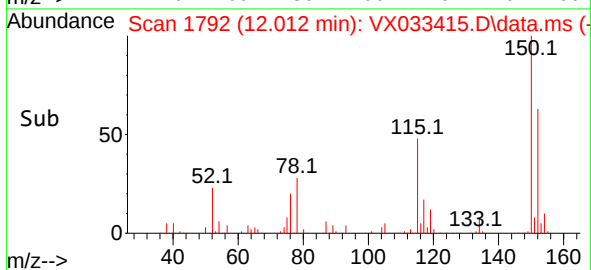
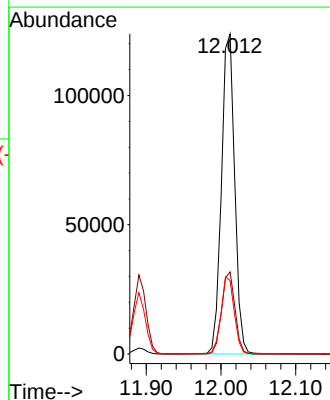
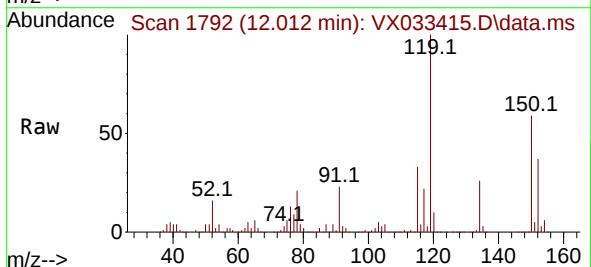
Tgt Ion:119 Resp: 152658

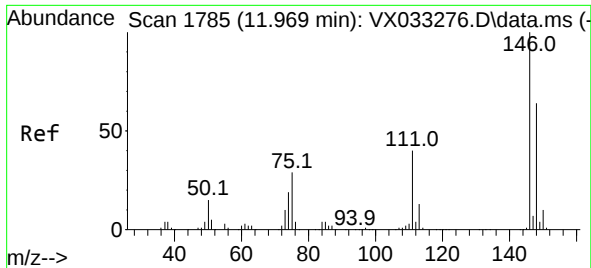
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 24.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.099 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:146 Resp: 8128

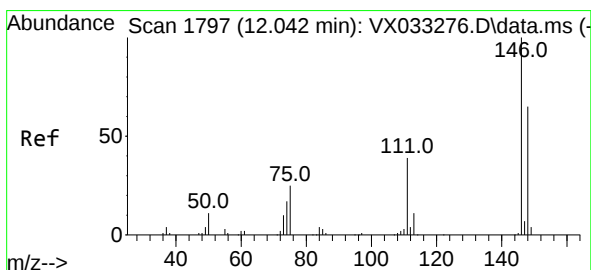
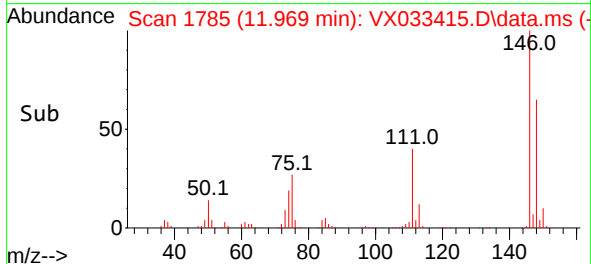
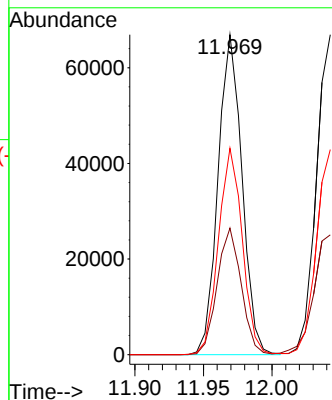
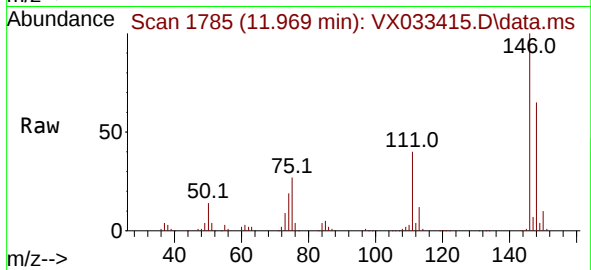
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.6	61.8
148	64.3	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 19.016 ug/l

RT: 12.043 min Scan# 1797

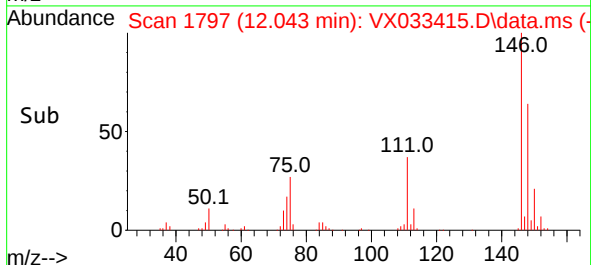
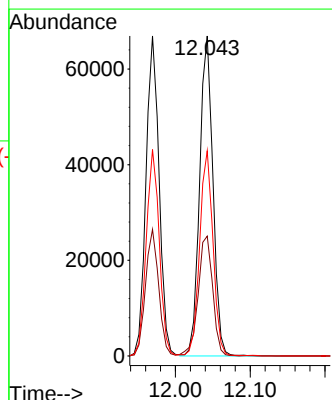
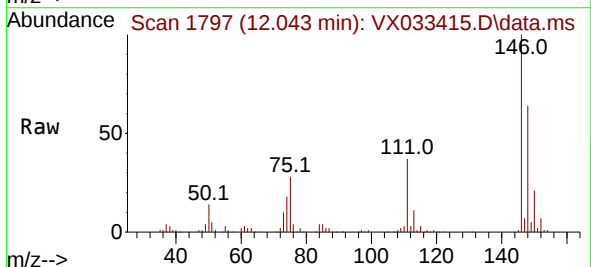
Delta R.T. 0.000 min

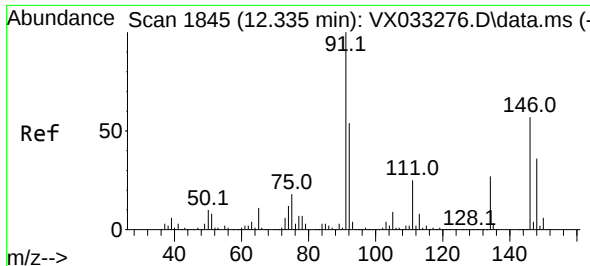
Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Tgt Ion:146 Resp: 82664

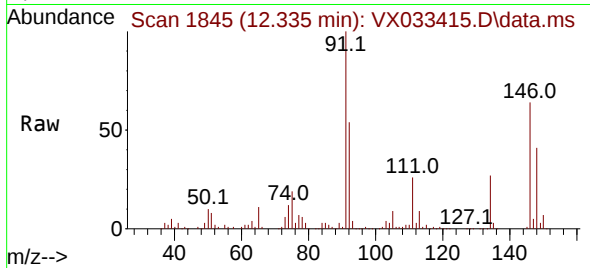
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.8	32.2	96.6





#89
n-Butylbenzene
Concen: 19.834 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

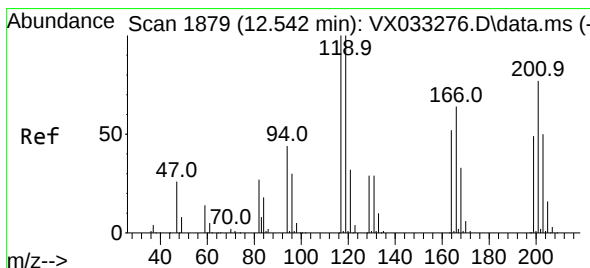
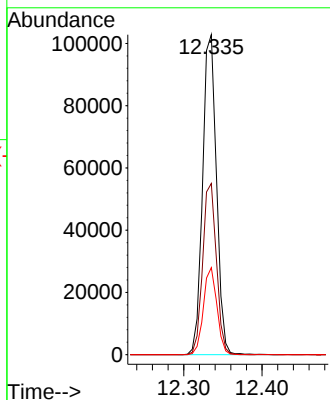
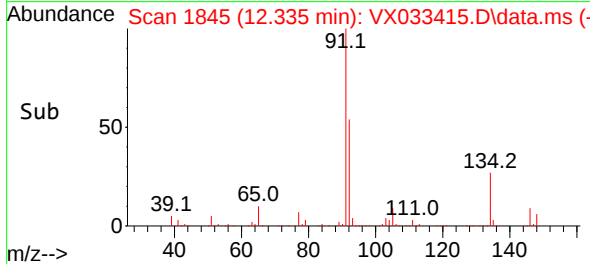
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



Tgt Ion: 91 Resp: 126194
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.6
134 26.5 12.9 38.6

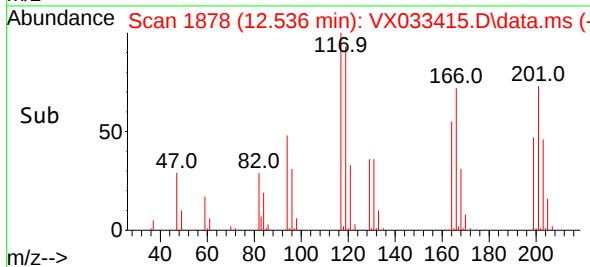
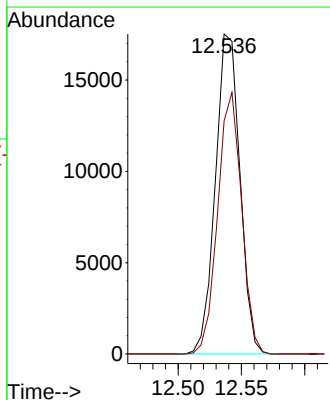
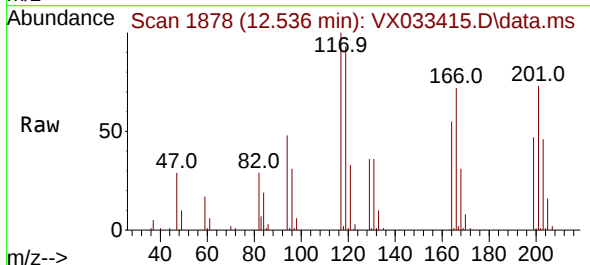
Manual Integrations
APPROVED

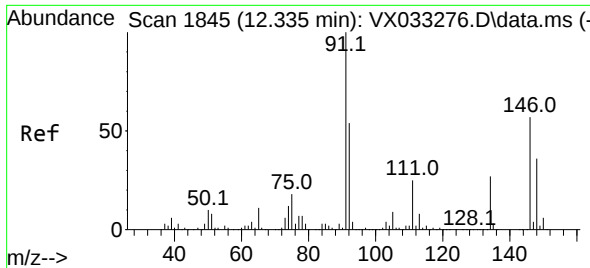
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 17.877 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion:117 Resp: 23605
Ion Ratio Lower Upper
117 100
201 79.7 37.6 112.9





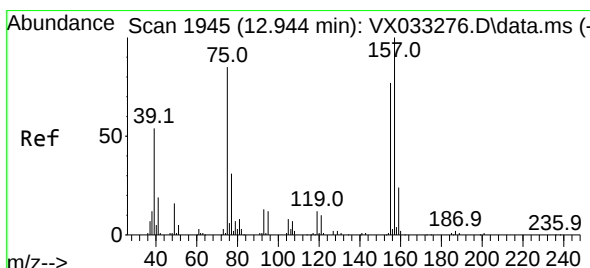
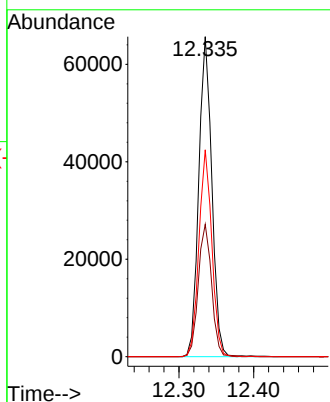
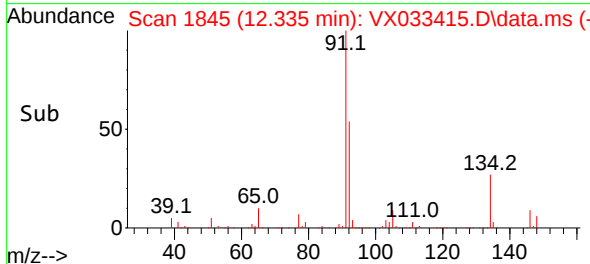
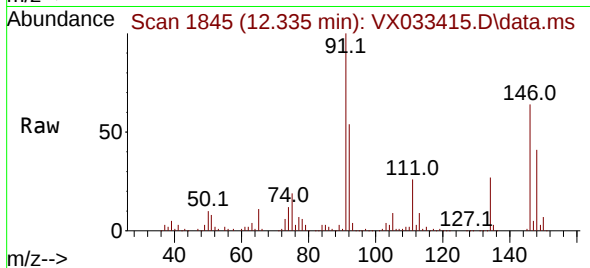
#91
1,2-Dichlorobenzene
Concen: 18.693 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Tgt Ion:146 Resp: 79534
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.9 32.0 96.2

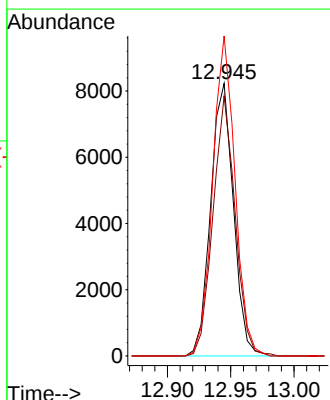
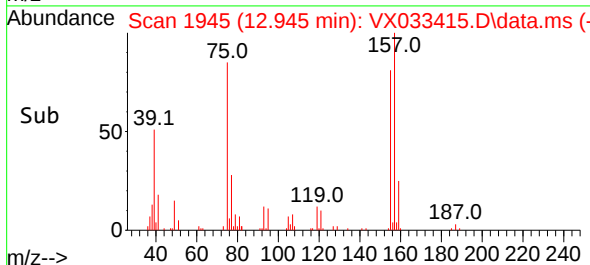
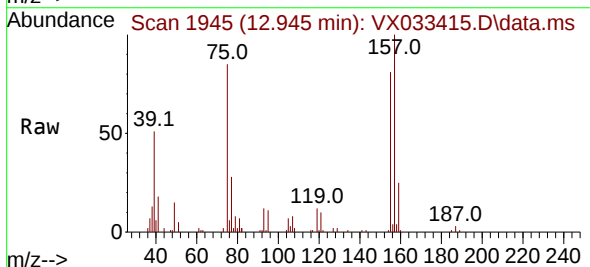
Manual Integrations
APPROVED

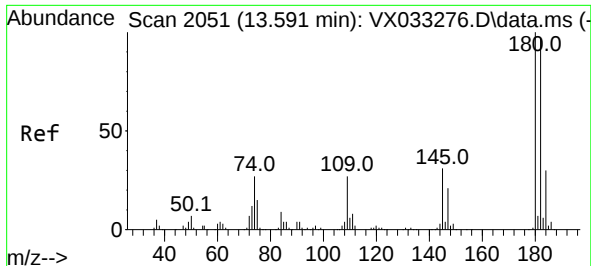
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.131 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

Tgt Ion: 75 Resp: 10284
Ion Ratio Lower Upper
75 100
155 93.0 41.6 124.8
157 114.8 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 19.220 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD02

Tgt Ion:180 Resp: 4938

Ion Ratio Lower Upper

180 100

182 96.5 48.4 145.0

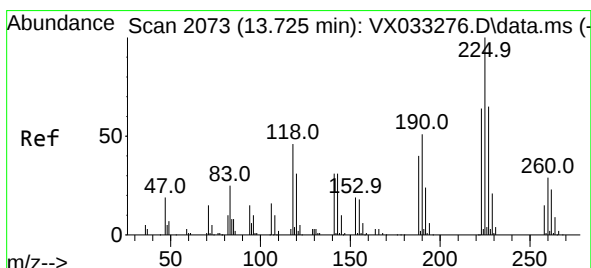
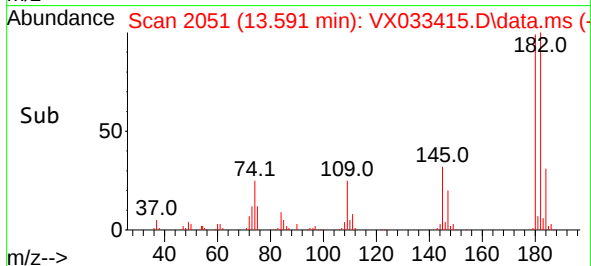
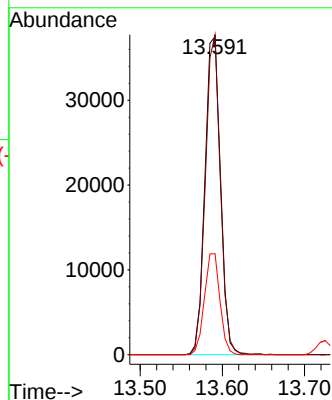
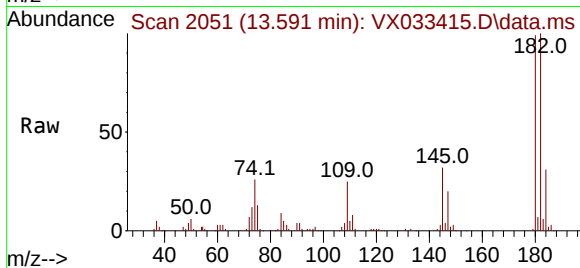
145 31.7 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 20.906 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033415.D

Acq: 14 Dec 2022 13:30

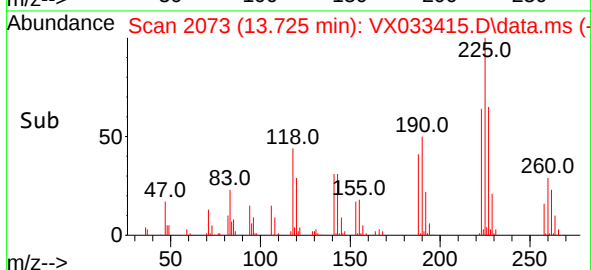
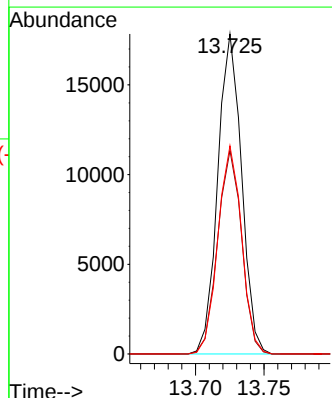
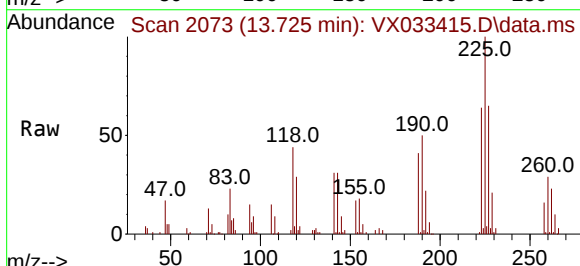
Tgt Ion:225 Resp: 21512

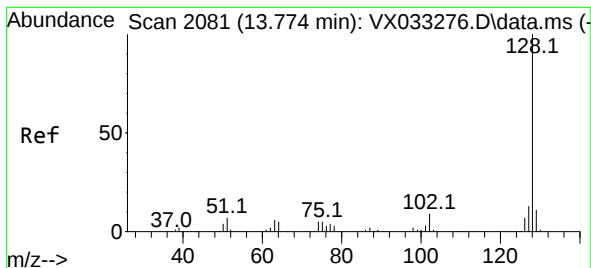
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.9

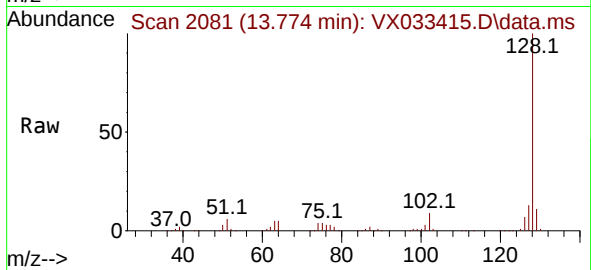
227 64.9 31.9 95.5





#95
Naphthalene
Concen: 18.647 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30

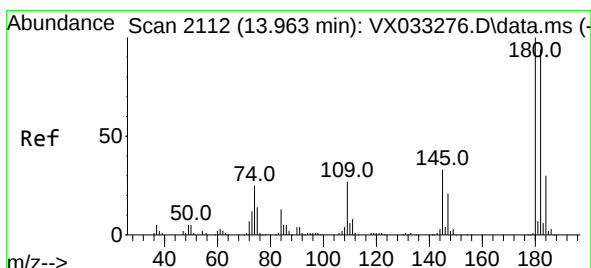
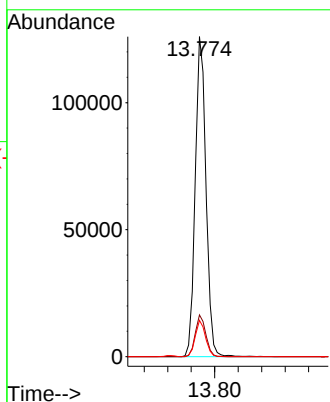
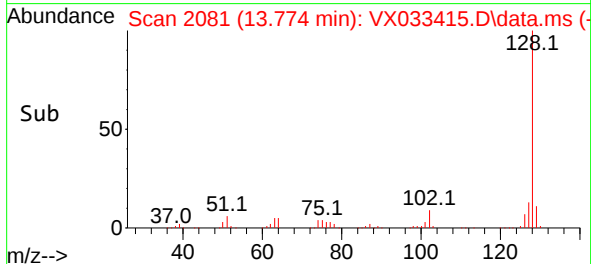
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02



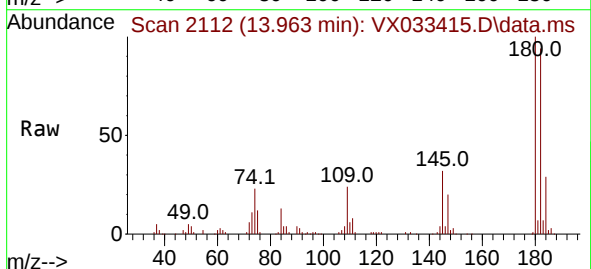
Tgt Ion:128 Resp: 159834
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.340 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033415.D
Acq: 14 Dec 2022 13:30



Tgt Ion:180 Resp: 50332
Ion Ratio Lower Upper
180 100
182 92.2 47.5 142.6
145 32.4 16.9 50.6

