

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033523.D
 Acq On : 21 Dec 2022 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2022
 Supervised By : Mahesh Dadoda 12/22/2022

Quant Time: Dec 22 03:50:27 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	163689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42374	40.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.700%		
35) Dibromofluoromethane	5.385	113	53905	47.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	8.647	98	113127	48.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	92105	51.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52906	46.269	ug/l	100
3) Chloromethane	1.294	50	52581	39.771	ug/l	100
4) Vinyl Chloride	1.374	62	62796	41.599	ug/l	100
5) Bromomethane	1.617	94	42407	38.280	ug/l	93
6) Chloroethane	1.691	64	42674	37.269	ug/l	100
7) Trichlorofluoromethane	1.886	101	92276	32.559	ug/l	98
8) Diethyl Ether	2.130	74	32278	31.532	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	76331	50.773	ug/l	97
10) Methyl Iodide	2.453	142	89241	54.200	ug/l	96
11) Tert butyl alcohol	2.983	59	65279m	203.326	ug/l	
12) 1,1-Dichloroethene	2.319	96	68607	46.232	ug/l	98
13) Acrolein	2.239	56	66906	192.147	ug/l	99
14) Allyl chloride	2.666	41	105442	44.493	ug/l	92
15) Acrylonitrile	3.062	53	172628	217.061	ug/l	98
16) Acetone	2.386	43	201573	259.404	ug/l	96
17) Carbon Disulfide	2.514	76	163138	42.833	ug/l	99
18) Methyl Acetate	2.703	43	101470	45.108	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	249184	48.477	ug/l	99
20) Methylene Chloride	2.788	84	75980	43.843	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	76553	47.158	ug/l	95
22) Diisopropyl ether	3.757	45	231467	45.588	ug/l	97
23) Vinyl Acetate	3.715	43	879097	223.069	ug/l	96
24) 1,1-Dichloroethane	3.605	63	136139	45.634	ug/l	100
25) 2-Butanone	4.550	43	258983	232.187	ug/l	96
26) 2,2-Dichloropropane	4.471	77	114704	52.283	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	94110	48.509	ug/l	94
28) Bromochloromethane	4.897	49	51086	40.907	ug/l	85
29) Tetrahydrofuran	5.001	42	147151	203.620	ug/l	93
30) Chloroform	5.086	83	154949	46.785	ug/l	97
31) Cyclohexane	5.464	56	113916	45.645	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	141865	49.784	ug/l	97
36) 1,1-Dichloropropene	5.690	75	109071	49.694	ug/l	98
37) Ethyl Acetate	4.702	43	91424	44.065	ug/l	98
38) Carbon Tetrachloride	5.678	117	125571	51.063	ug/l	99
39) Methylcyclohexane	7.379	83	129351	52.652	ug/l	95
40) Benzene	6.037	78	314550	49.152	ug/l	99

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Quant Time: Dec 22 03:50:27 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)
41) Methacrylonitrile	4.916	41	54113	47.331	ug/l	94
42) 1,2-Dichloroethane	6.080	62	115109	45.297	ug/l	96
43) Isopropyl Acetate	6.336	43	157025	47.038	ug/l	95
44) Trichloroethene	7.123	130	93930	53.236	ug/l	97
45) 1,2-Dichloropropane	7.427	63	81561	49.835	ug/l	100
46) Dibromomethane	7.580	93	60228	48.308	ug/l	93
47) Bromodichloromethane	7.818	83	124404	51.189	ug/l	99
48) Methyl methacrylate	7.690	41	78079	45.318	ug/l	88
49) 1,4-Dioxane	7.690	88	32672	831.607	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	478796	226.800	ug/l	94
52) Toluene	8.714	92	211286	51.065	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	126069	48.374	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	136273	52.694	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	88498	50.882	ug/l	98
56) Ethyl methacrylate	9.116	69	125163	51.111	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	137624	49.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	276223	246.519	ug/l	95
59) 2-Hexanone	9.427	43	375754	241.528	ug/l	92
60) Dibromochloromethane	9.518	129	102806	53.648	ug/l	100
61) 1,2-Dibromoethane	9.610	107	94667	51.170	ug/l	99
64) Tetrachloroethene	9.275	164	81483	53.263	ug/l	98
65) Chlorobenzene	10.079	112	236092	52.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92360	53.946	ug/l	100
67) Ethyl Benzene	10.195	91	417045	52.839	ug/l	98
68) m/p-Xylenes	10.299	106	327499	106.649	ug/l	96
69) o-Xylene	10.640	106	160798	52.976	ug/l	96
70) Styrene	10.652	104	271384	54.592	ug/l	96
71) Bromoform	10.799	173	76191	56.222	ug/l #	100
73) Isopropylbenzene	10.963	105	425575	53.551	ug/l	99
74) N-amyl acetate	10.841	43	135920	50.129	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	125742	49.874	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	113418m	50.844	ug/l	
77) Bromobenzene	11.195	156	107904	53.770	ug/l	94
78) n-propylbenzene	11.305	91	479825	54.073	ug/l	98
79) 2-Chlorotoluene	11.366	91	286176	52.184	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	348704	52.712	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36546	50.962	ug/l	92
82) 4-Chlorotoluene	11.457	91	323404	50.716	ug/l	98
83) tert-Butylbenzene	11.713	119	367395	55.694	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	357240	54.100	ug/l	99
85) sec-Butylbenzene	11.890	105	433390	56.310	ug/l	98
86) p-Isopropyltoluene	12.012	119	362768	54.670	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	192046	52.829	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	194130	52.282	ug/l	99
89) n-Butylbenzene	12.335	91	306229	56.346	ug/l	98
90) Hexachloroethane	12.536	117	61482	54.510	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	196584	54.090	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25687	47.169	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	121329	55.276	ug/l	99
94) Hexachlorobutadiene	13.725	225	53329	60.673	ug/l	99
95) Naphthalene	13.774	128	402557	54.982	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121610	54.704	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

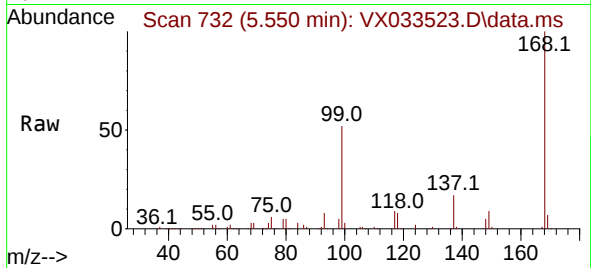
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033523.D
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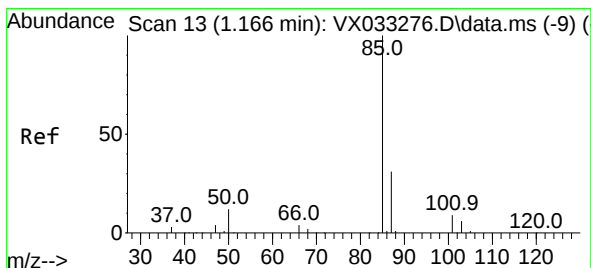
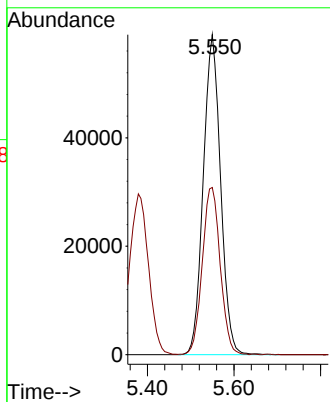
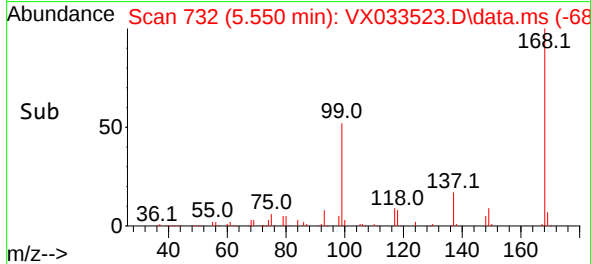
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 163689
Ion Ratio Lower Upper
168 100
99 52.2 46.1 69.1

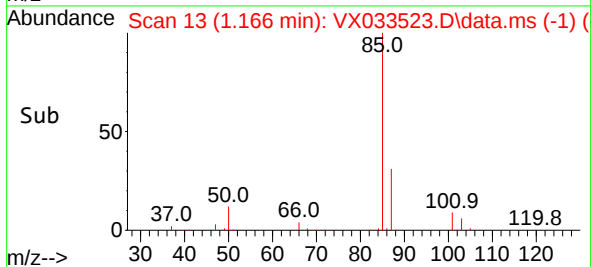
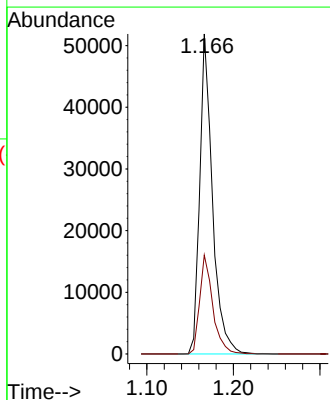
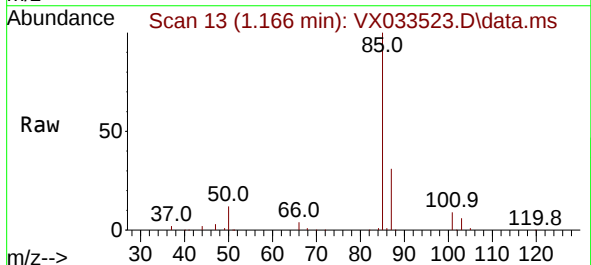
Manual Integrations
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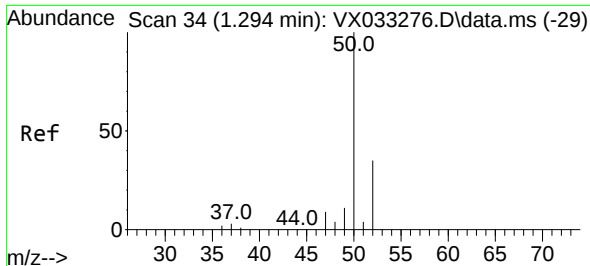
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#2
Dichlorodifluoromethane
Concen: 46.269 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 85 Resp: 52906
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.7





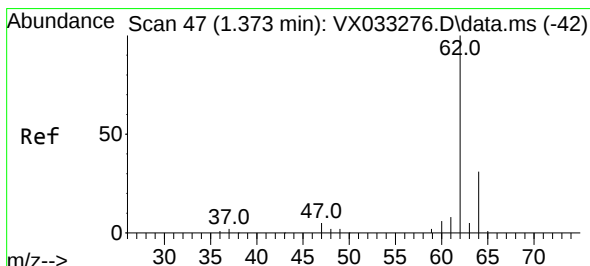
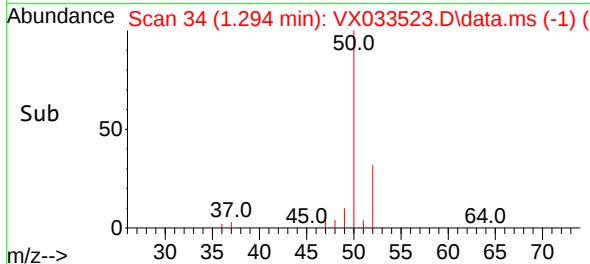
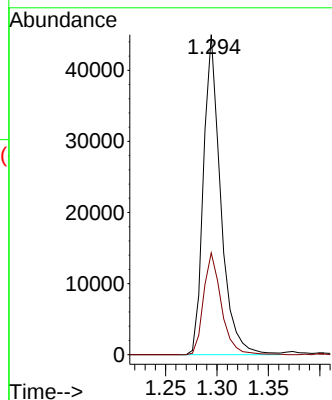
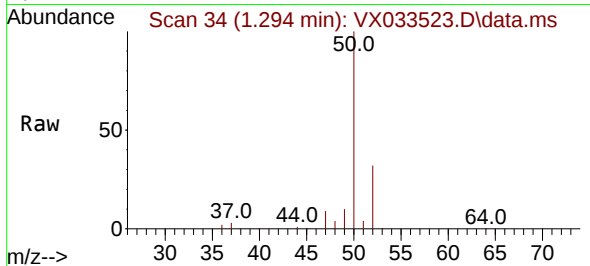
#3
Chloromethane
Concen: 39.771 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5258
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

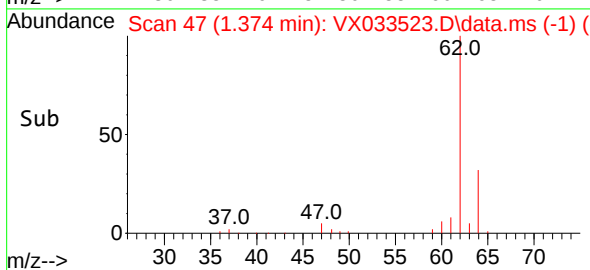
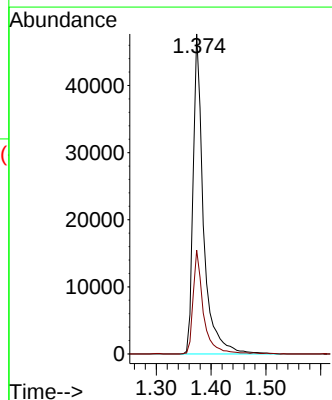
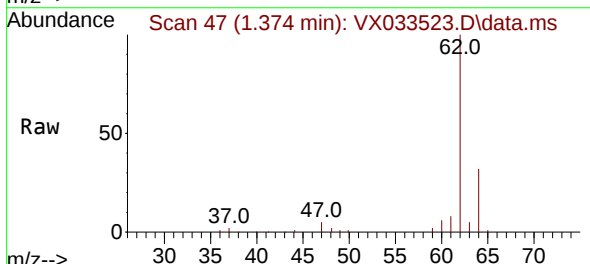
Manual Integrations
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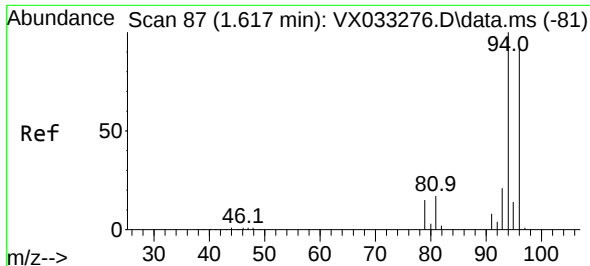
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#4
Vinyl Chloride
Concen: 41.599 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

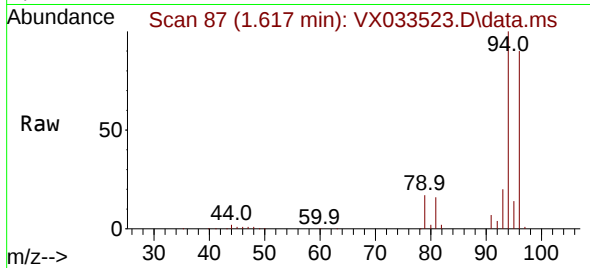
Tgt Ion: 62 Resp: 62796
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 38.280 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

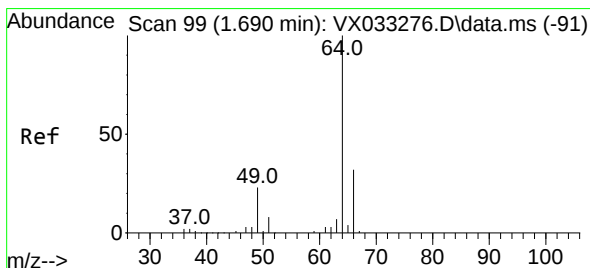
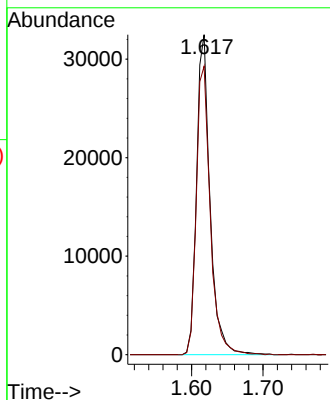
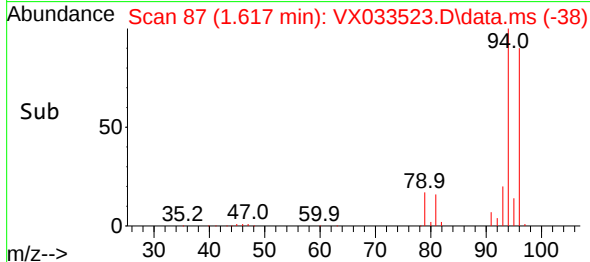
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 4240
Ion Ratio Lower Upper
94 100
96 90.2 77.6 116.4

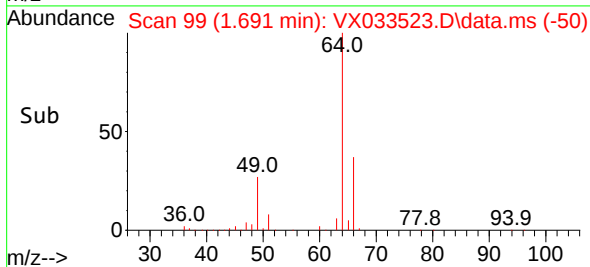
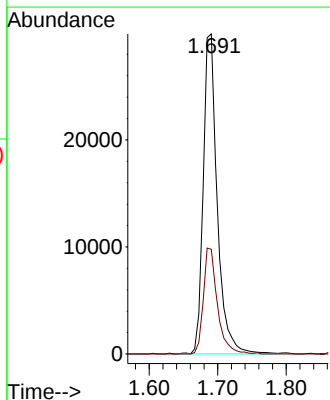
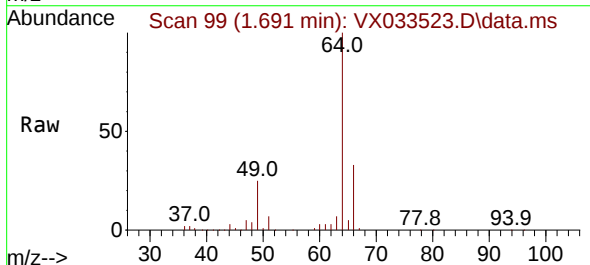
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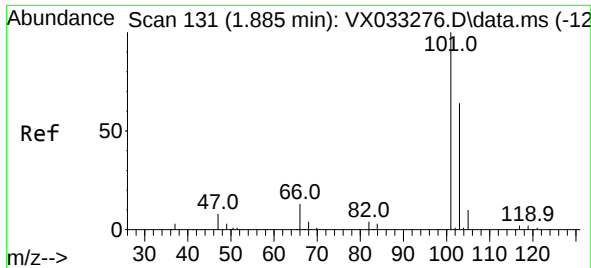
Reviewed By :John Carlone 12/22/2022
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#6
Chloroethane
Concen: 37.269 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

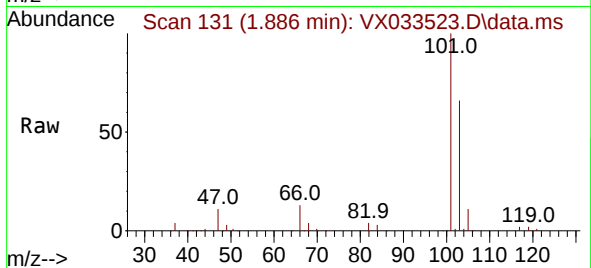
Tgt Ion: 64 Resp: 42674
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 32.559 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033523.D
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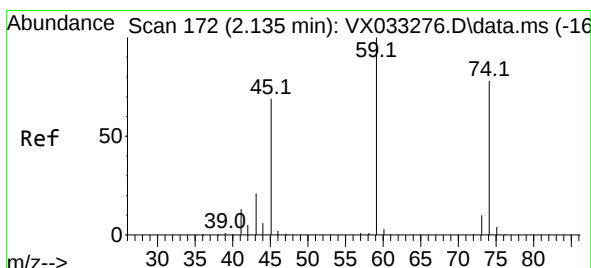
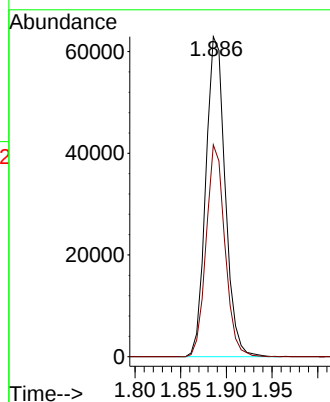
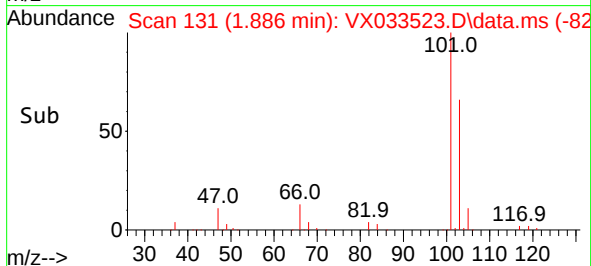
Instrument :
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ClientSampleId :
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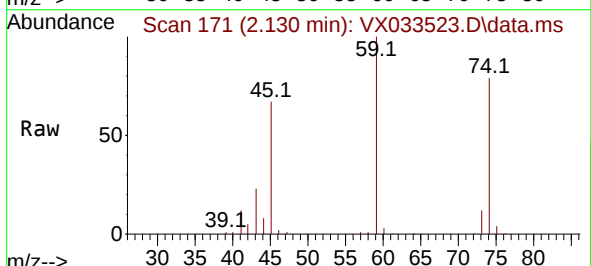
Tgt Ion:101 Resp: 92276
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

Manual Integrations
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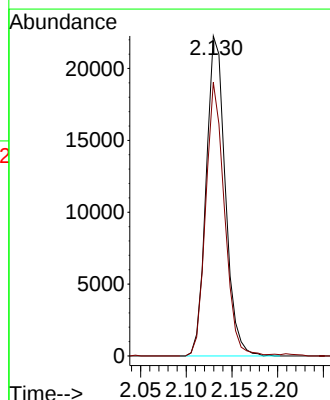
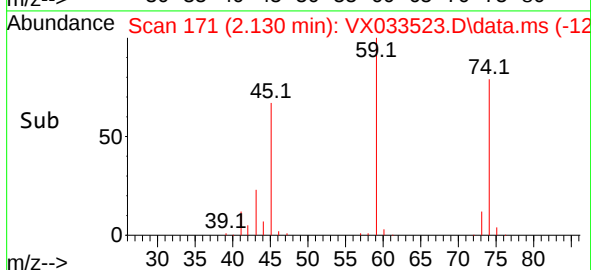
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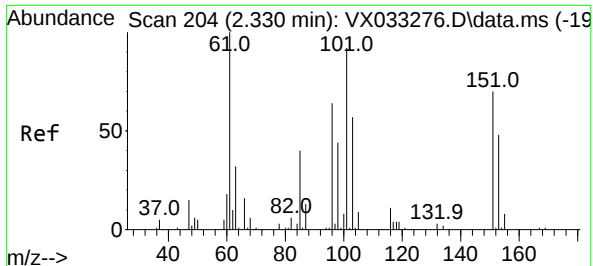


#8
Diethyl Ether
Concen: 31.532 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11



Tgt Ion: 74 Resp: 32278
Ion Ratio Lower Upper
74 100
45 83.8 46.6 139.7





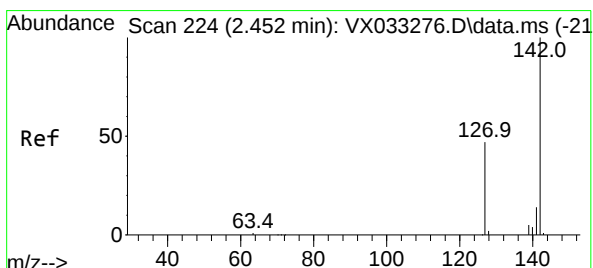
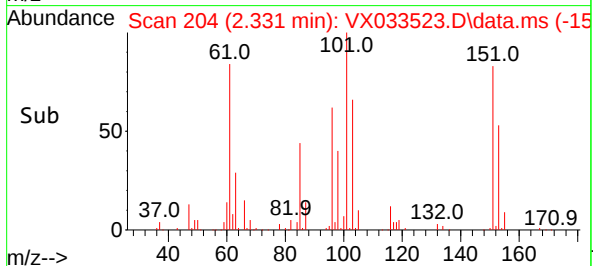
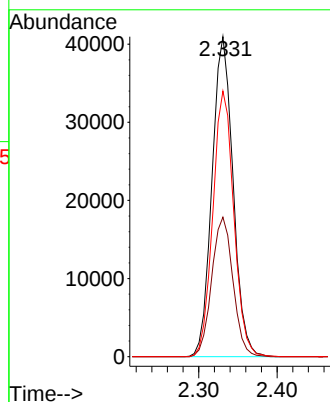
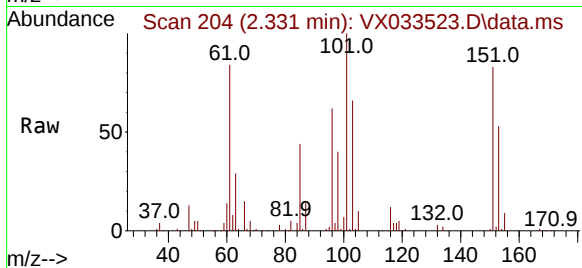
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.773 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
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Tgt Ion:101 Resp: 7633
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.4
151 82.9 64.4 96.6

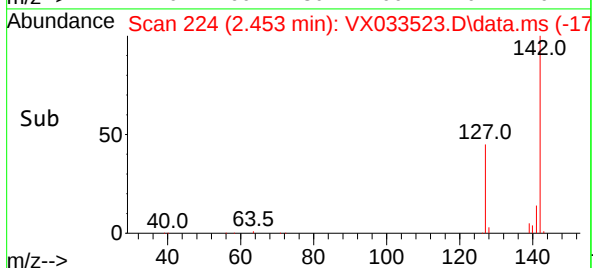
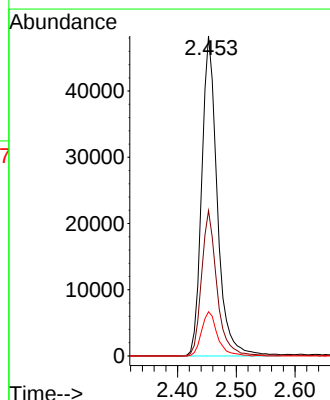
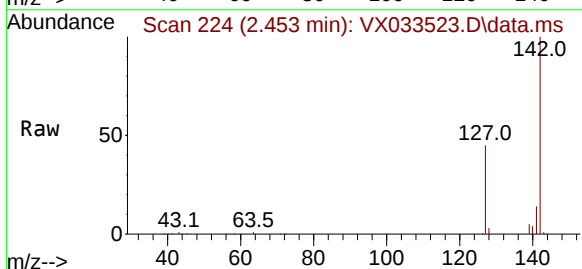
Manual Integrations
APPROVED

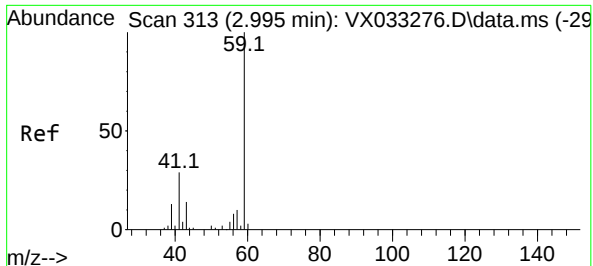
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 54.200 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion:142 Resp: 89241
Ion Ratio Lower Upper
142 100
127 44.7 38.6 57.8
141 14.1 11.4 17.2





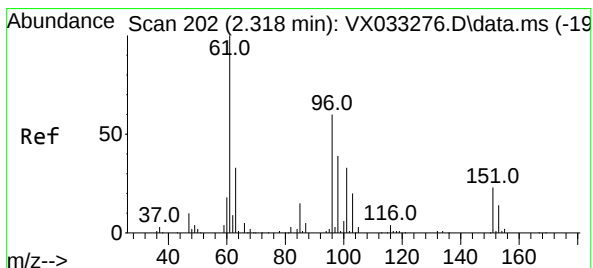
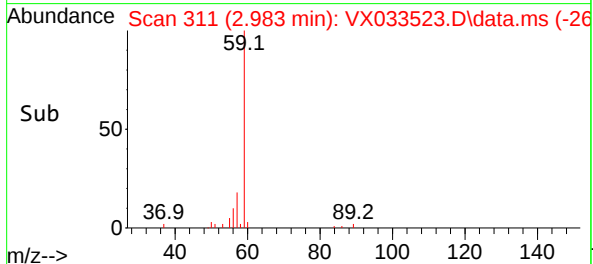
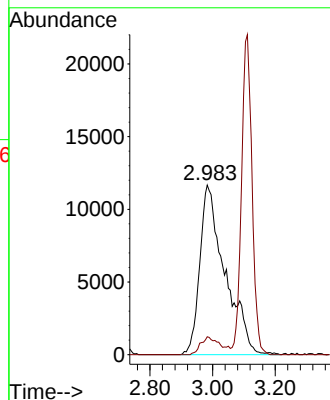
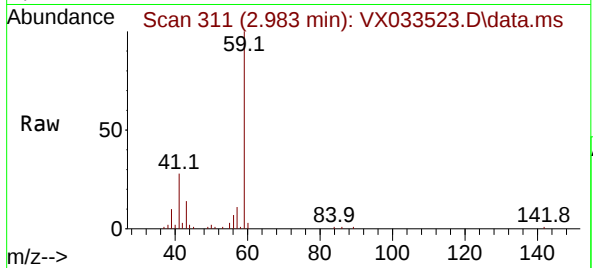
#11
Tert butyl alcohol
Concen: 203.326 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 65279
Ion Ratio Lower Upper
59 100
57 8.2 8.2 12.4

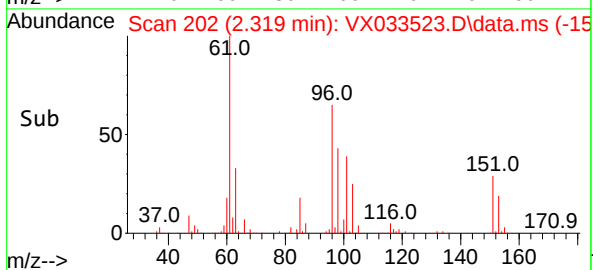
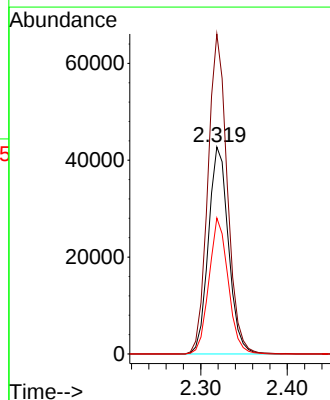
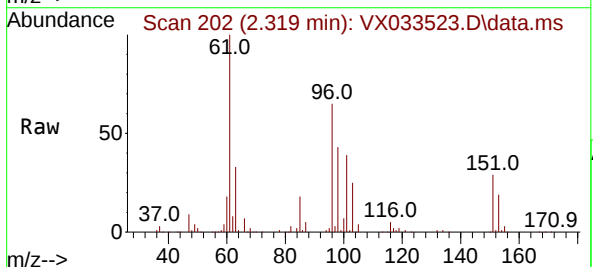
Manual Integrations
APPROVED

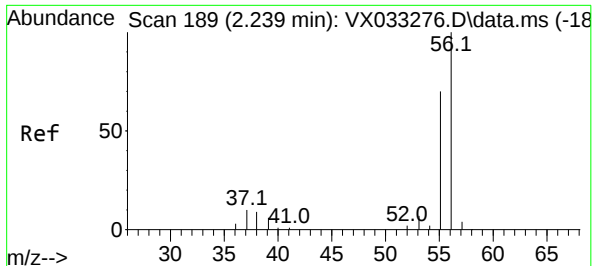
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#12
1,1-Dichloroethene
Concen: 46.232 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

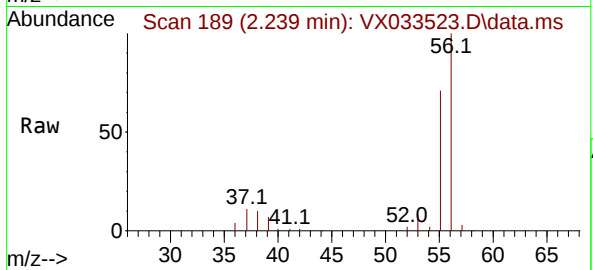
Tgt Ion: 96 Resp: 68607
Ion Ratio Lower Upper
96 100
61 154.5 125.1 187.7
98 65.7 50.6 76.0





#13
Acrolein
Concen: 192.147 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

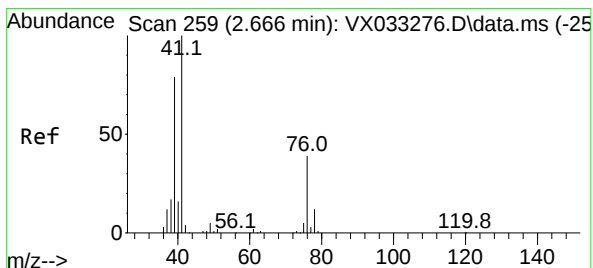
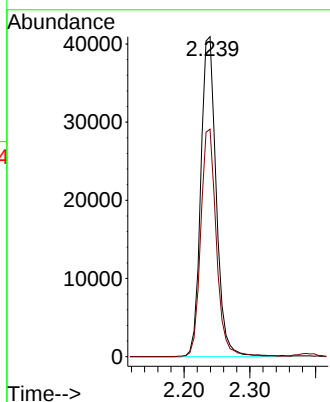
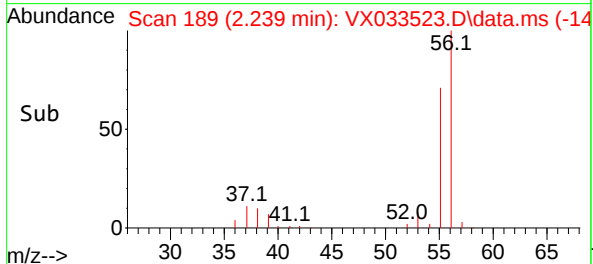
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 66900
Ion Ratio Lower Upper
56 100
55 72.0 56.9 85.3

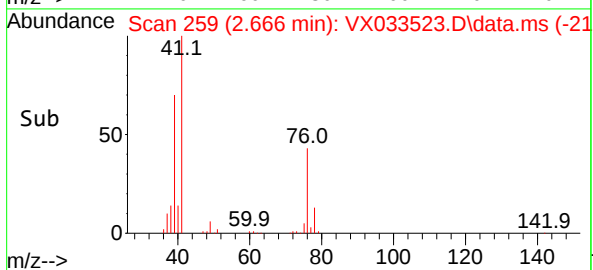
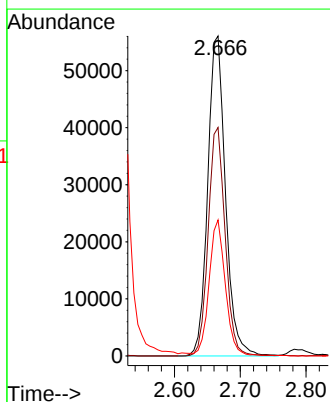
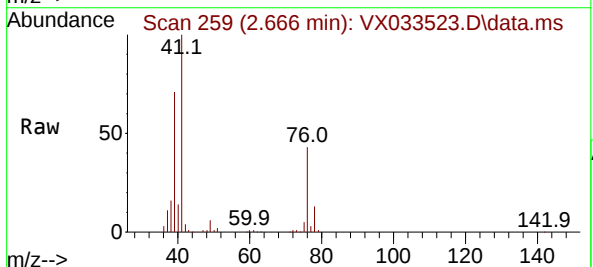
Manual Integrations
APPROVED

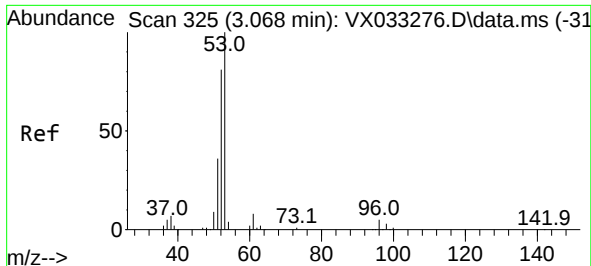
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#14
Allyl chloride
Concen: 44.493 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 41 Resp: 105442
Ion Ratio Lower Upper
41 100
39 68.0 61.4 92.2
76 39.2 29.2 43.8





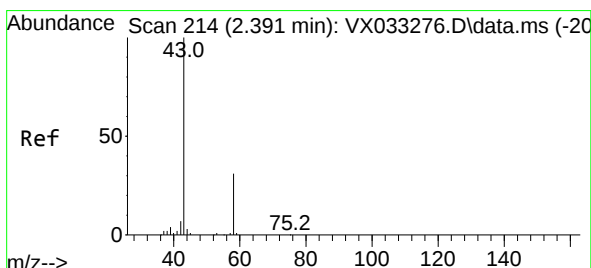
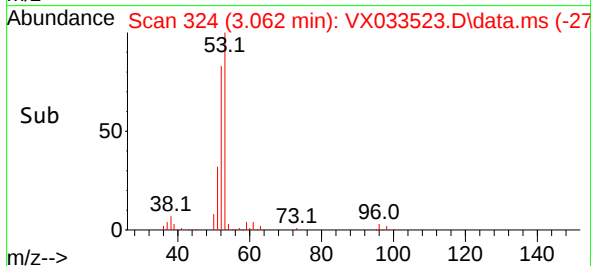
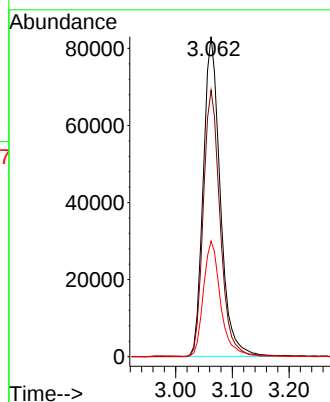
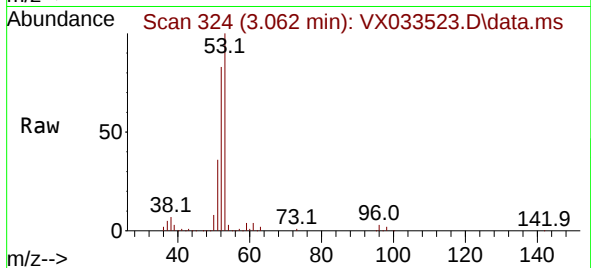
#15
Acrylonitrile
Concen: 217.061 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 172628
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.0
51 36.4 30.3 45.5

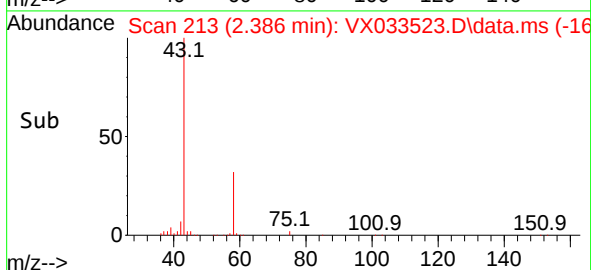
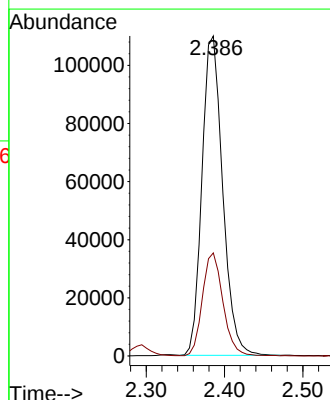
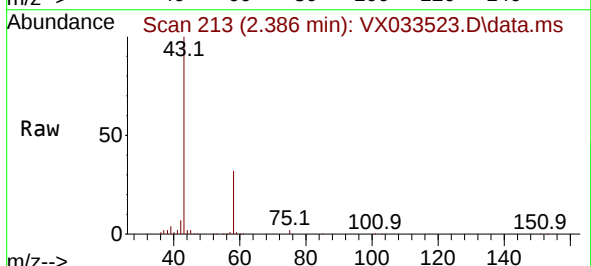
Manual Integrations
APPROVED

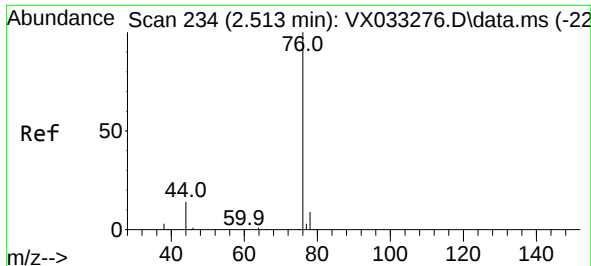
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 259.404 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 43 Resp: 201573
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8





#17

Carbon Disulfide

Concen: 42.833 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 163138

Ion Ratio Lower Upper

76 100

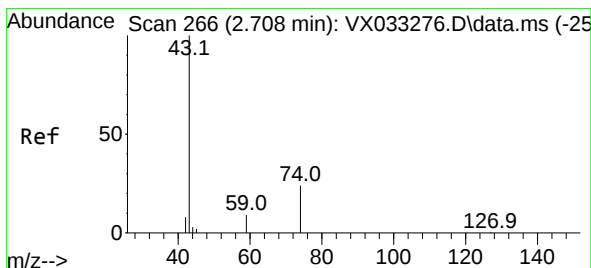
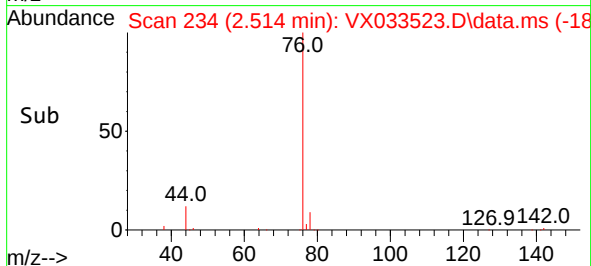
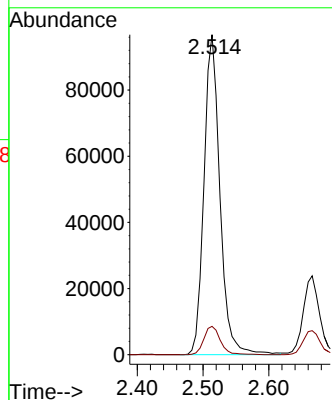
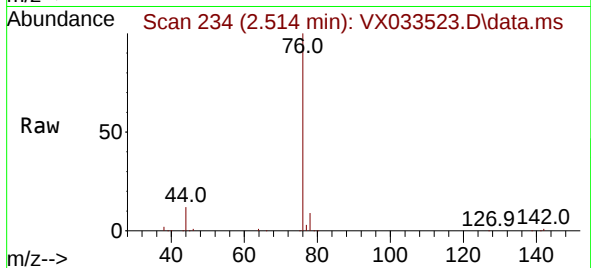
78 8.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#18

Methyl Acetate

Concen: 45.108 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033523.D

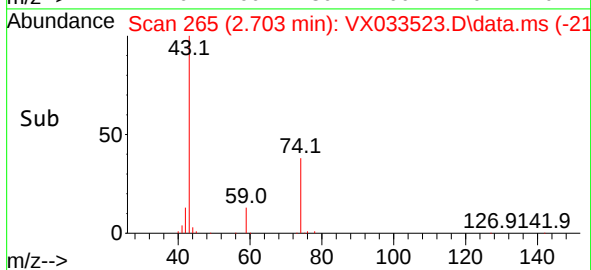
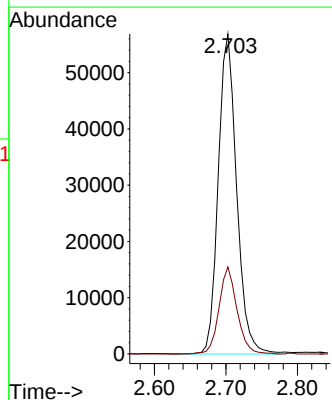
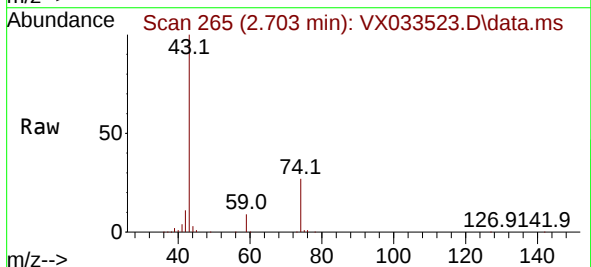
Acq: 21 Dec 2022 10:11

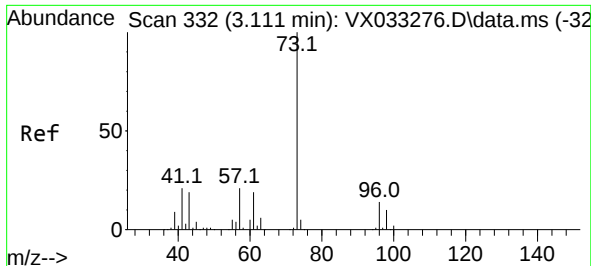
Tgt Ion: 43 Resp: 101470

Ion Ratio Lower Upper

43 100

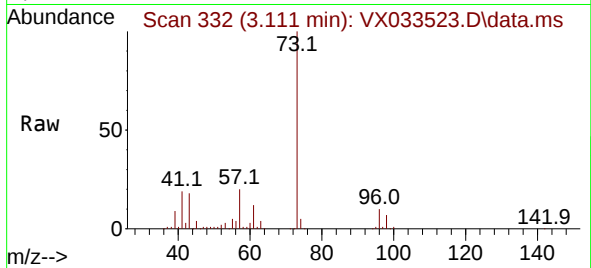
74 26.6 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 48.477 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

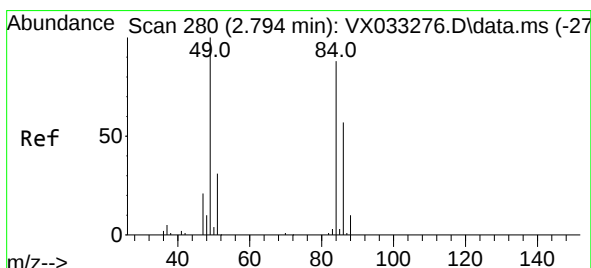
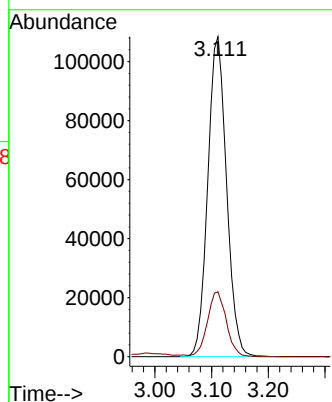
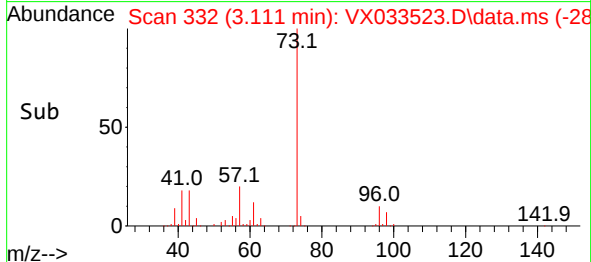
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 249184
Ion Ratio Lower Upper
73 100
57 20.3 16.6 25.0

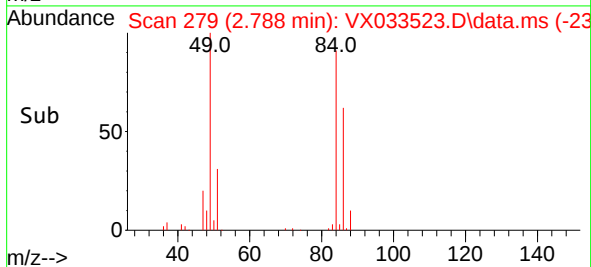
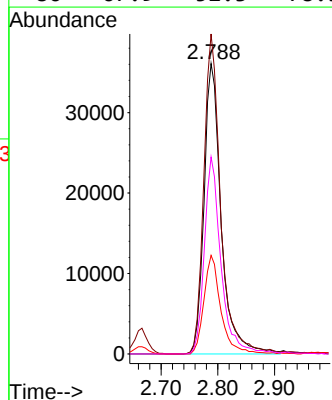
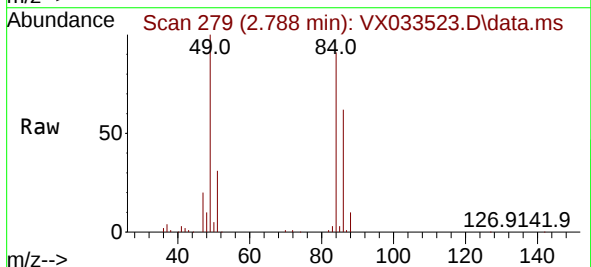
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 43.843 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

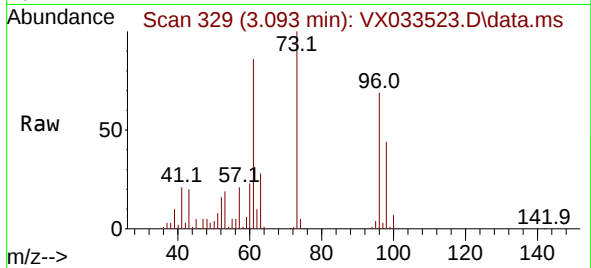
Tgt Ion: 84 Resp: 75980
Ion Ratio Lower Upper
84 100
49 110.2 101.0 151.6
51 33.9 31.1 46.7
86 67.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.158 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

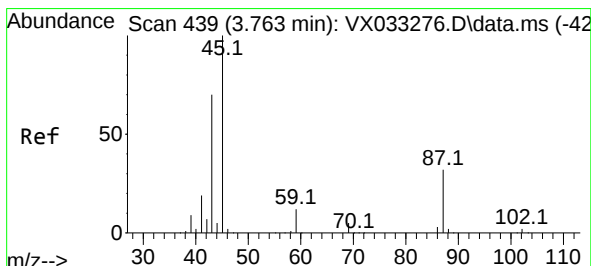
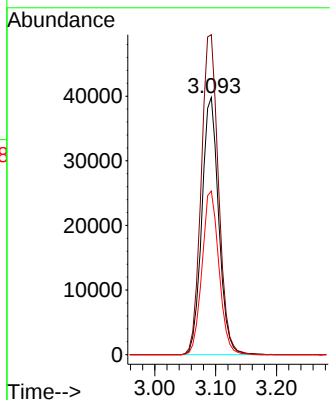
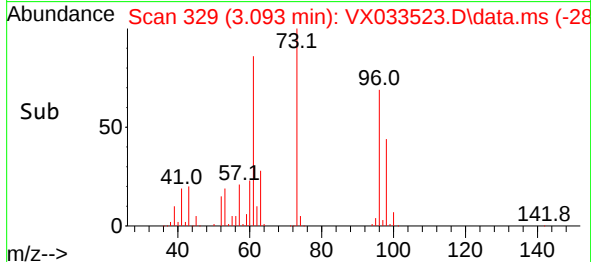
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



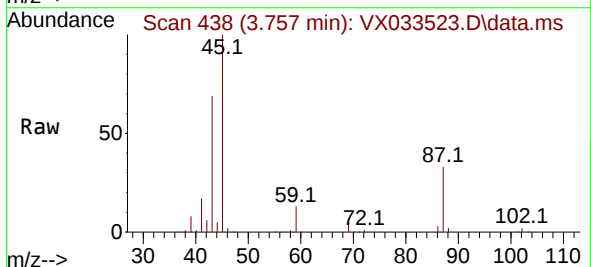
Tgt Ion: 96 Resp: 7655
Ion Ratio Lower Upper
96 100
61 124.4 106.6 160.0
98 63.6 51.0 76.6

Manual Integrations
APPROVED

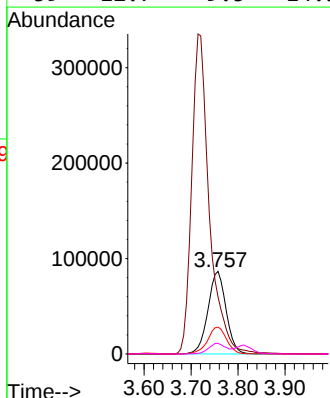
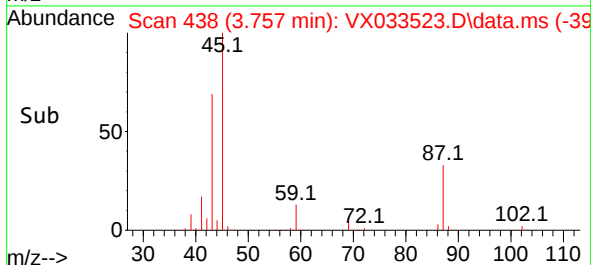
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

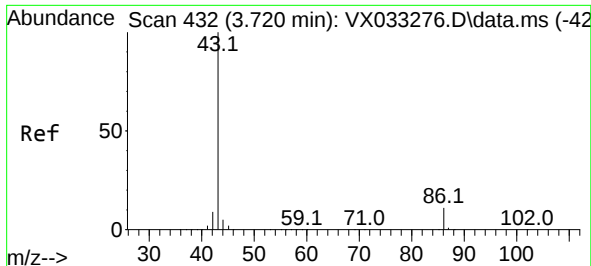


#22
Diisopropyl ether
Concen: 45.588 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11



Tgt Ion: 45 Resp: 231467
Ion Ratio Lower Upper
45 100
43 68.5 56.4 84.6
87 32.6 24.4 36.6
59 12.7 9.5 14.3





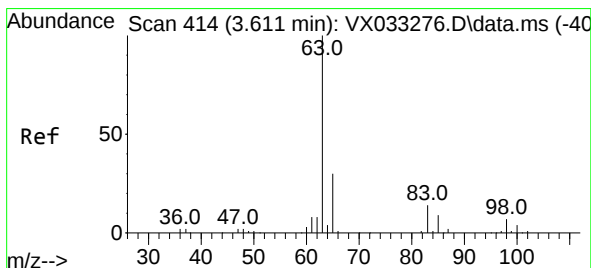
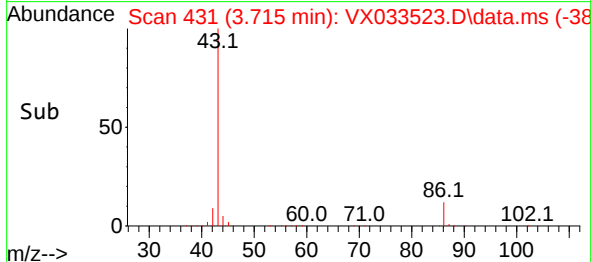
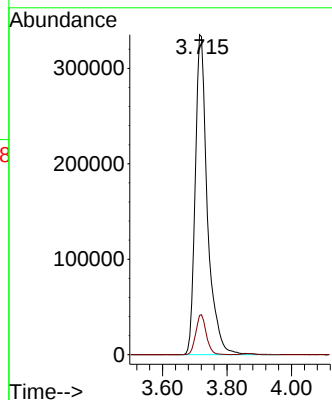
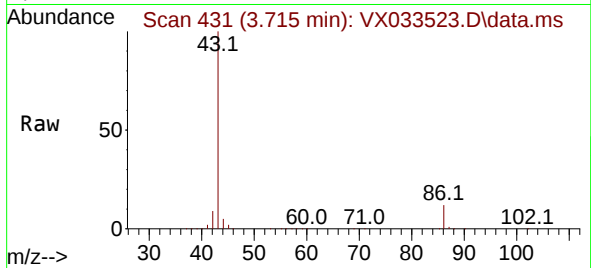
#23
 Vinyl Acetate
 Concen: 223.069 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX033523.D
 Acq: 21 Dec 2022 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 87909
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 12.8

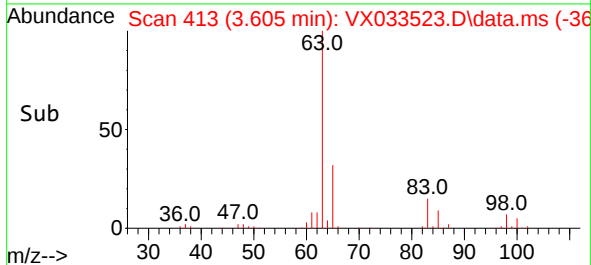
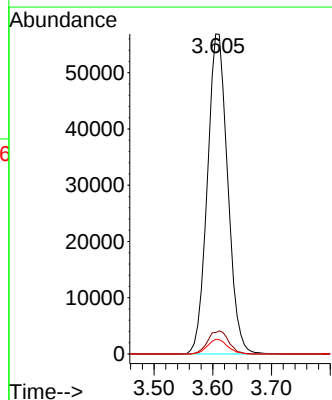
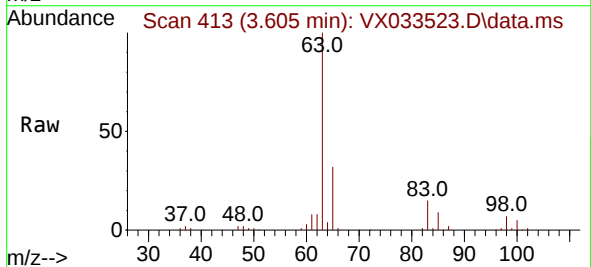
Manual Integrations
 APPROVED

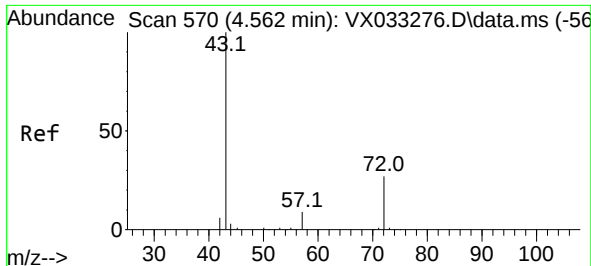
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 45.634 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033523.D
 Acq: 21 Dec 2022 10:11

Tgt Ion: 63 Resp: 136139
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.6 2.3 6.8





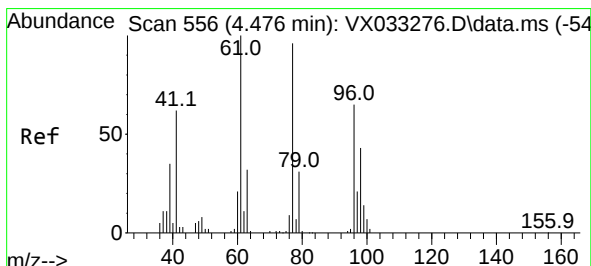
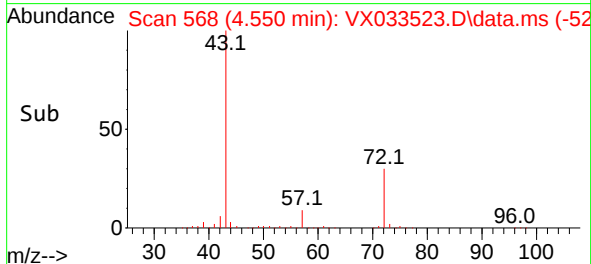
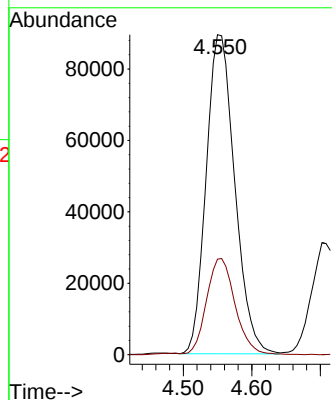
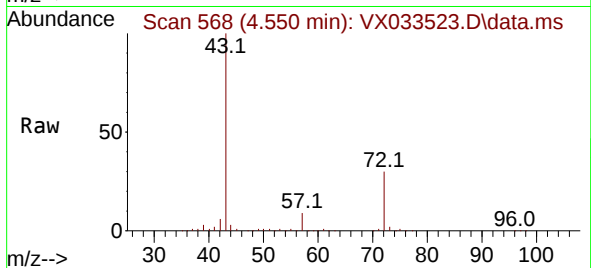
#25
2-Butanone
Concen: 232.187 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25898
Ion Ratio Lower Upper
43 100
72 29.7 22.2 33.2

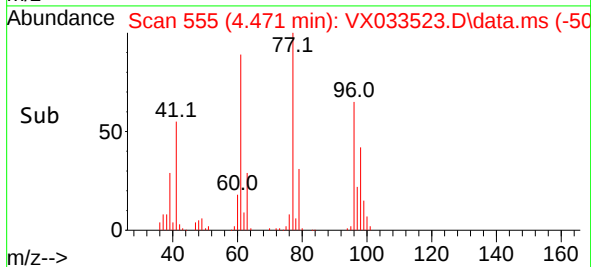
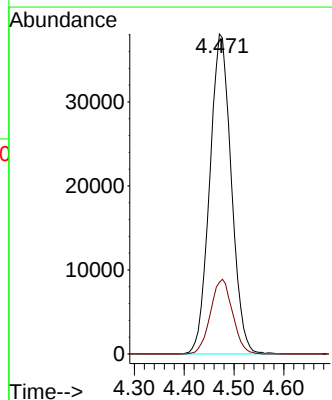
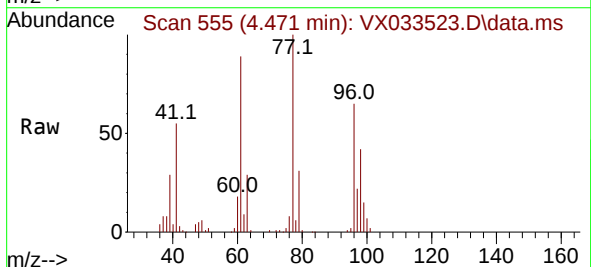
Manual Integrations
APPROVED

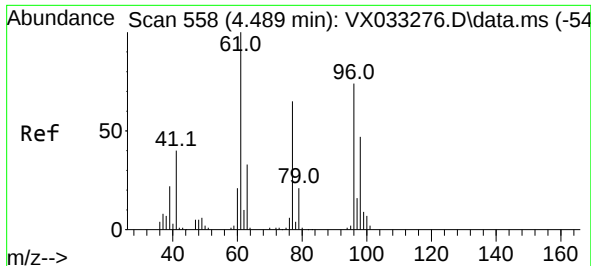
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#26
2,2-Dichloropropane
Concen: 52.283 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 77 Resp: 114704
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.509 ug/l

RT: 4.483 min Scan# 511

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 94110

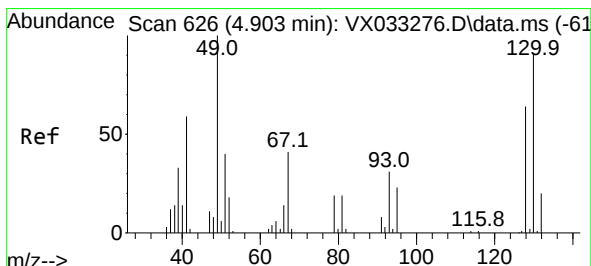
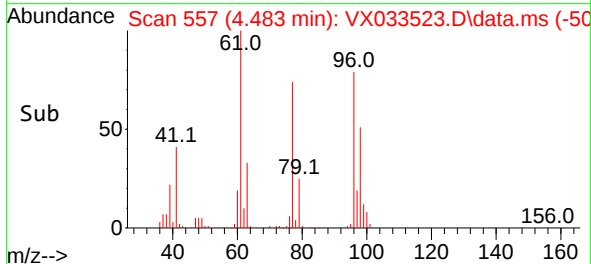
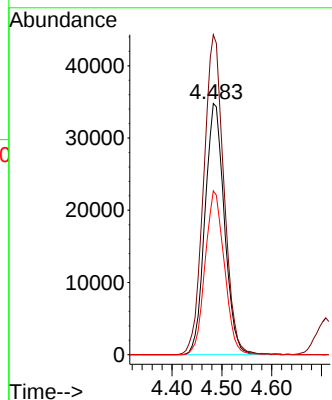
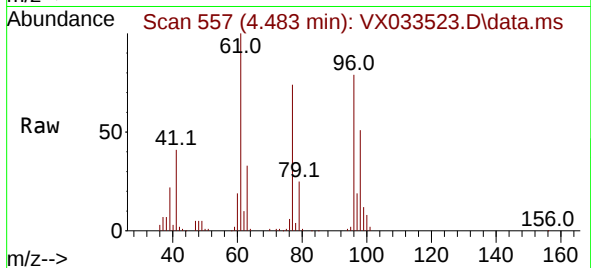
Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	286.0
98	64.6	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 40.907 ug/l

RT: 4.897 min Scan# 625

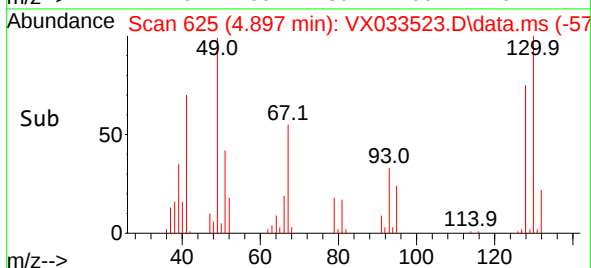
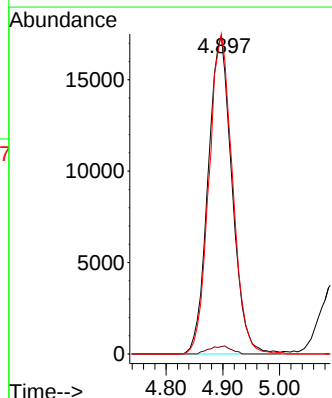
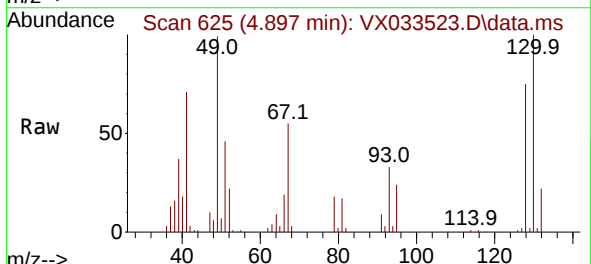
Delta R.T. -0.006 min

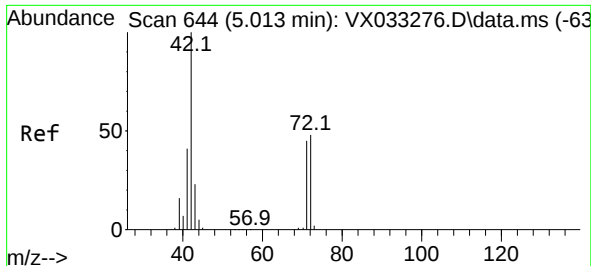
Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Tgt Ion: 49 Resp: 51086

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	98.5	67.5	101.3





#29

Tetrahydrofuran

Concen: 203.620 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14715

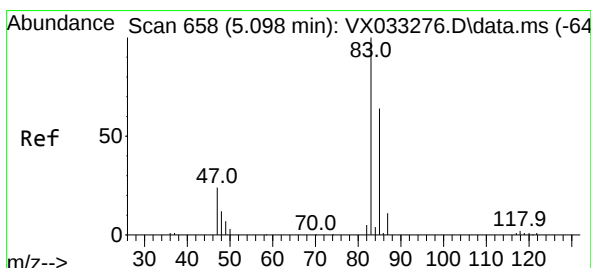
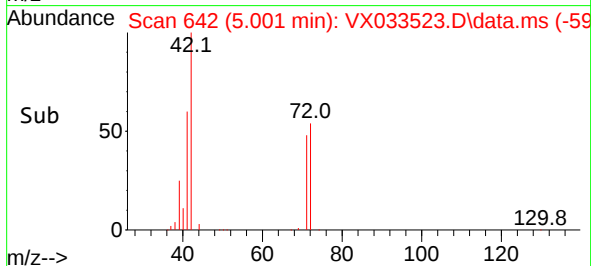
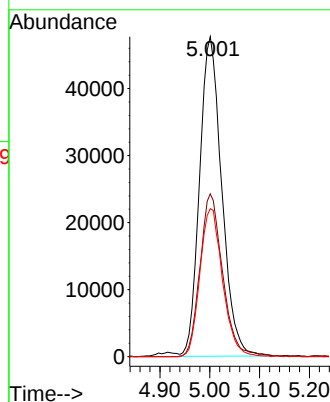
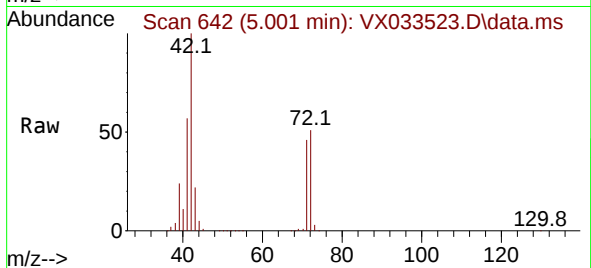
Ion	Ratio	Lower	Upper
42	100		
72	52.2	37.6	56.4
71	47.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#30

Chloroform

Concen: 46.785 ug/l

RT: 5.086 min Scan# 656

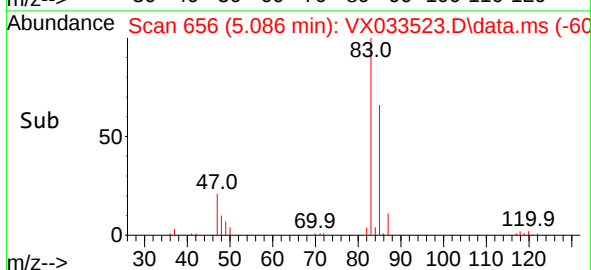
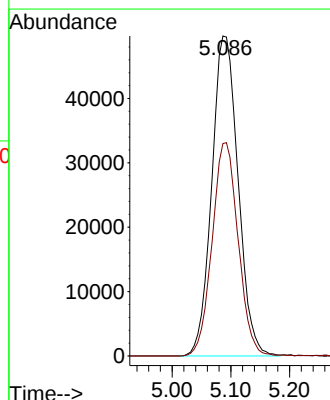
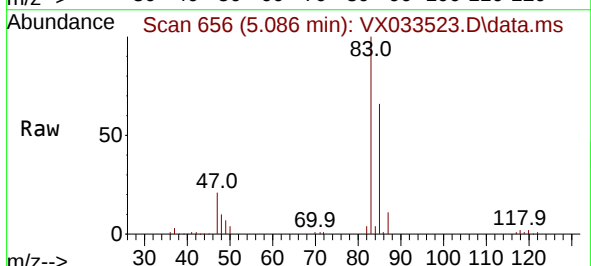
Delta R.T. -0.012 min

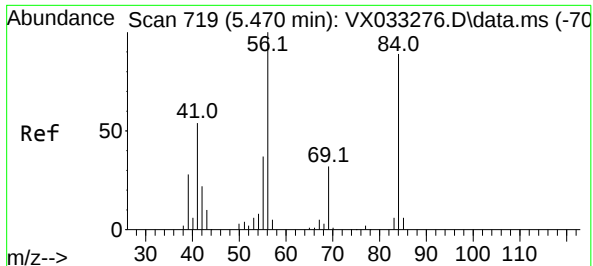
Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Tgt Ion: 83 Resp: 154949

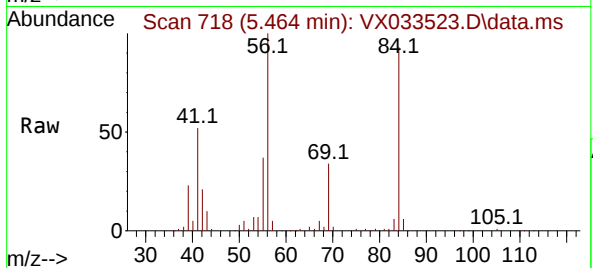
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.1	76.7





#31
Cyclohexane
Concen: 45.645 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

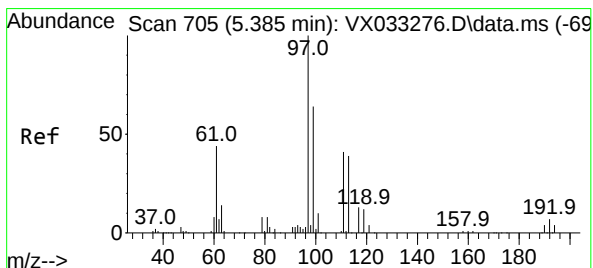
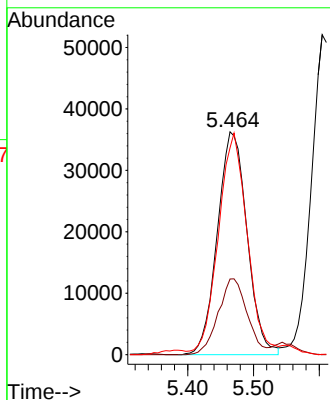
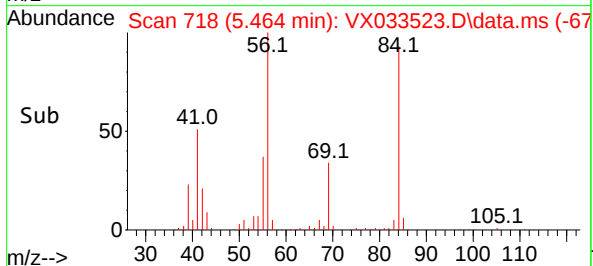
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 113910
Ion Ratio Lower Upper
56 100
69 33.9 24.1 36.1
84 90.8 66.9 100.3

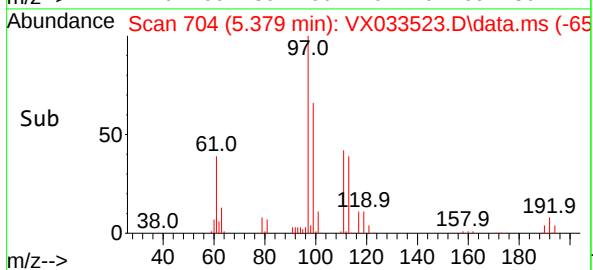
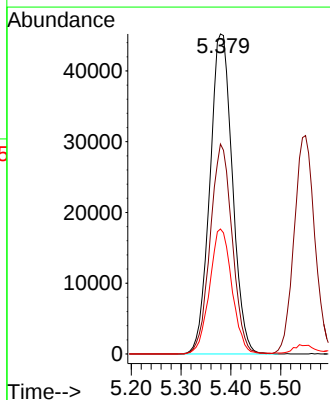
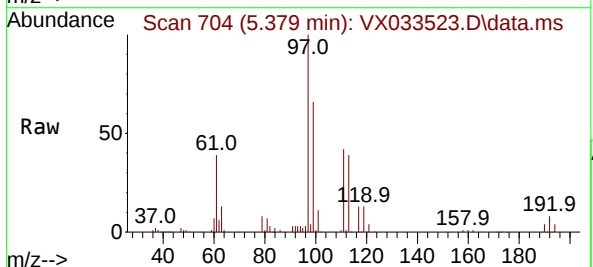
Manual Integrations
APPROVED

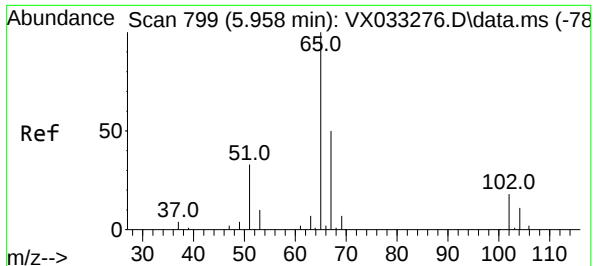
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#32
1,1,1-Trichloroethane
Concen: 49.784 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 97 Resp: 141865
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 38.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 40.351 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 42374

Ion Ratio Lower Upper

65 100

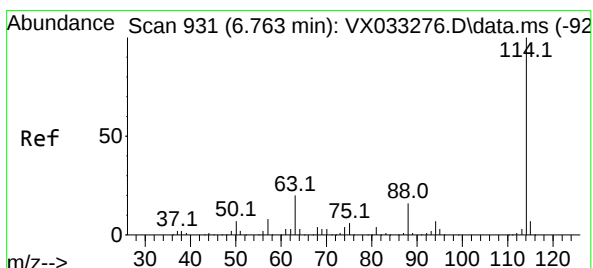
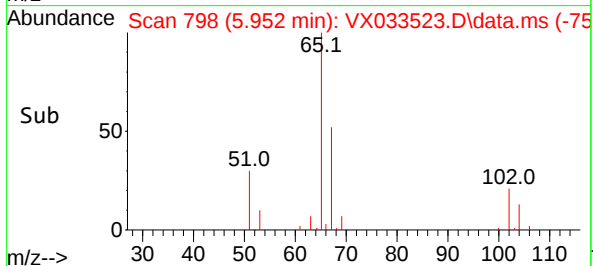
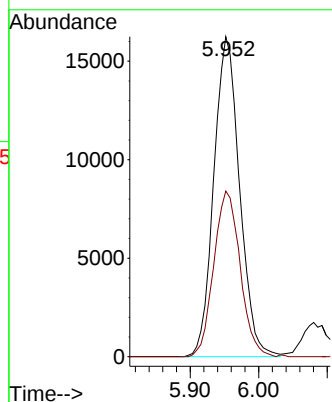
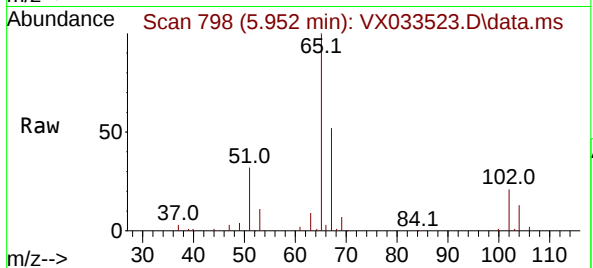
67 52.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

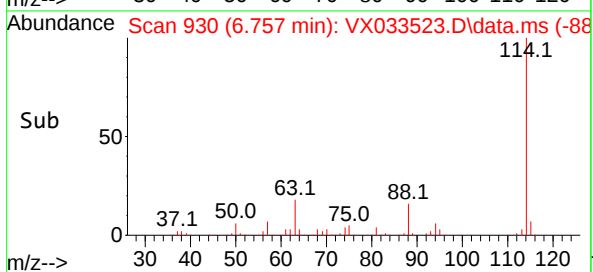
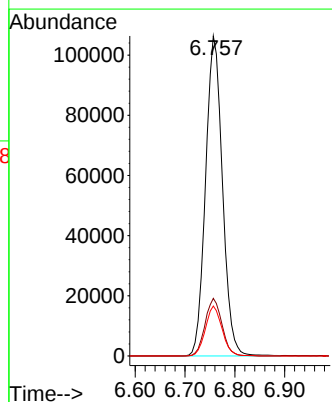
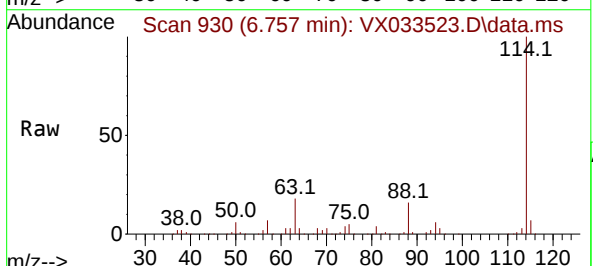
Tgt Ion:114 Resp: 250291

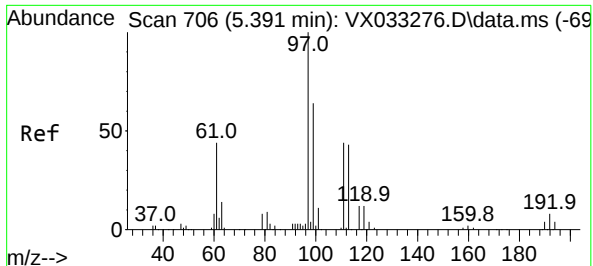
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.883 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

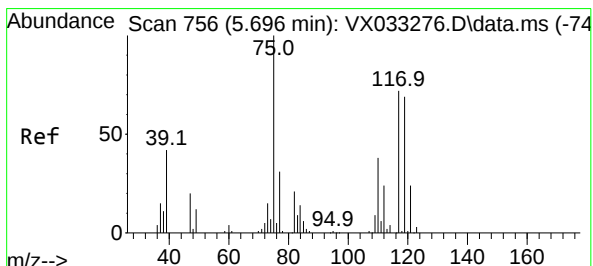
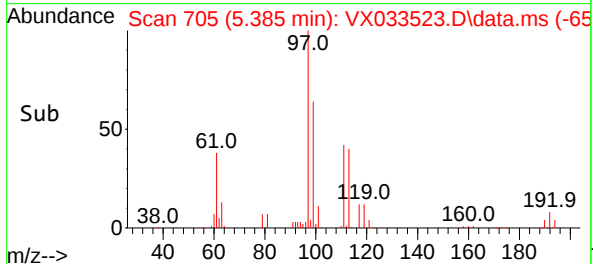
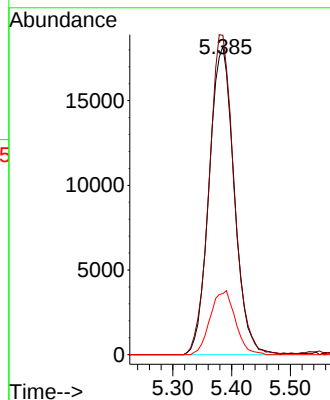
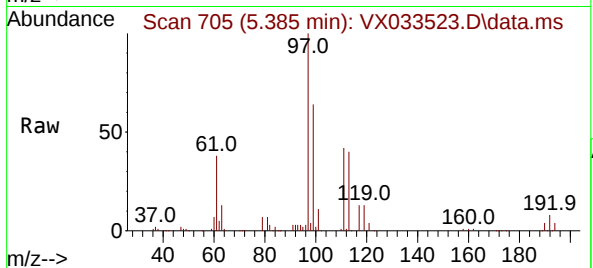
Tgt Ion:	113	Resp:	5390
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#36

1,1-Dichloropropene

Concen: 49.694 ug/l

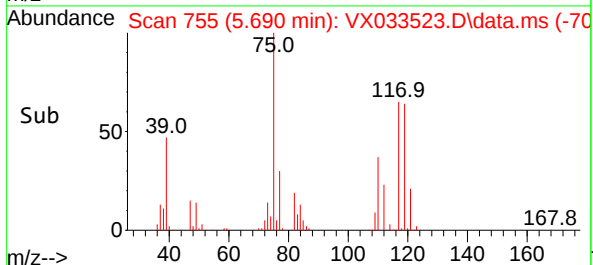
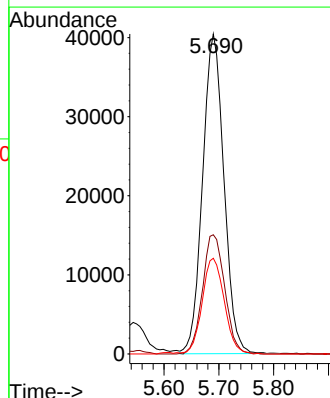
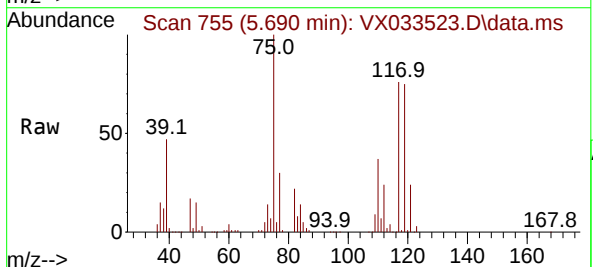
RT: 5.690 min Scan# 755

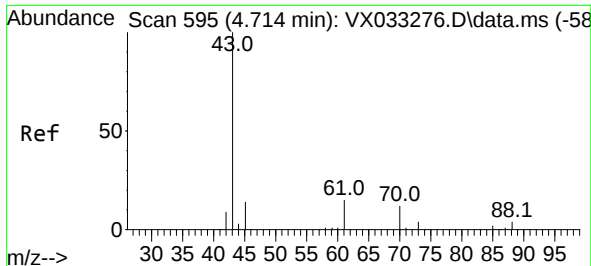
Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Tgt Ion:	75	Resp:	109071
Ion	Ratio	Lower	Upper
75	100		
110	38.9	18.4	55.2
77	31.1	24.5	36.7





#37

Ethyl Acetate

Concen: 44.065 ug/l

RT: 4.702 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

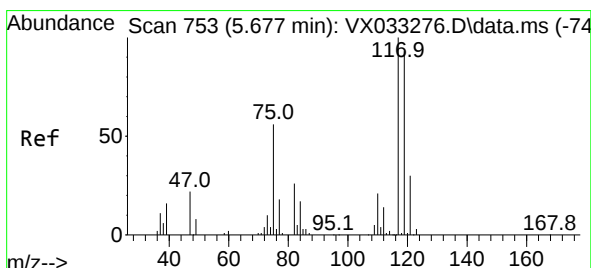
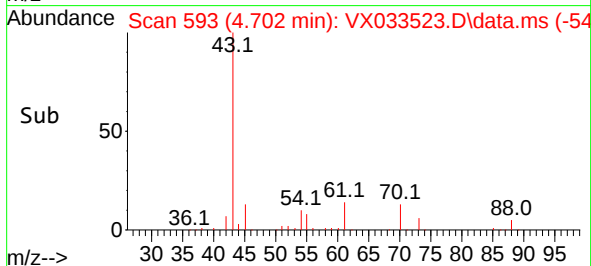
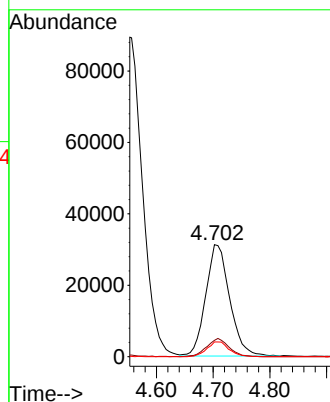
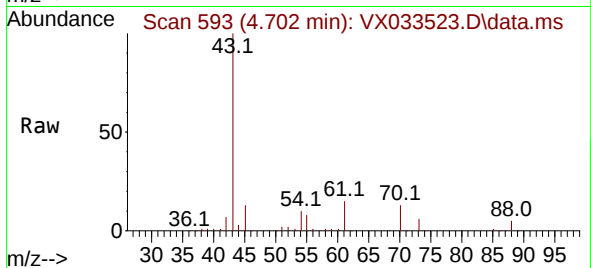
Tgt Ion: 43	Resp: 91424
Ion Ratio	Lower Upper
43 100	
61 15.2	11.5 17.3
70 12.3	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#38

Carbon Tetrachloride

Concen: 51.063 ug/l

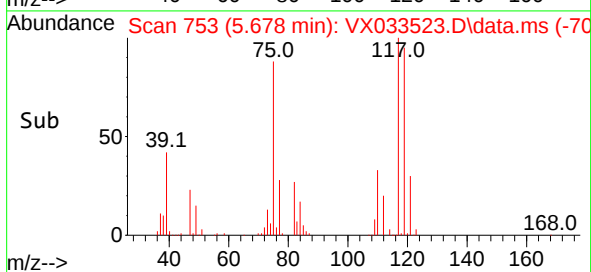
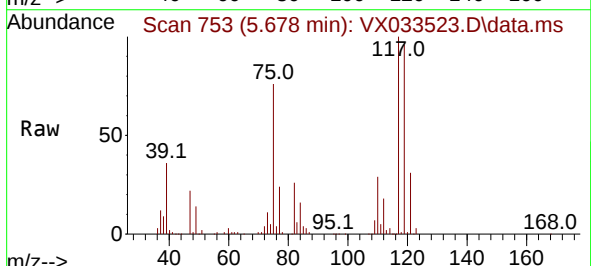
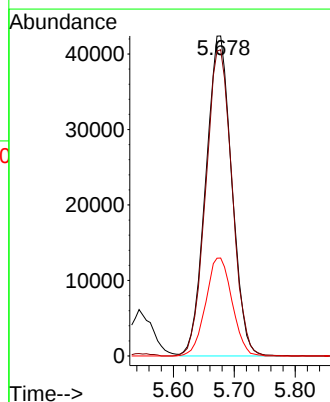
RT: 5.678 min Scan# 753

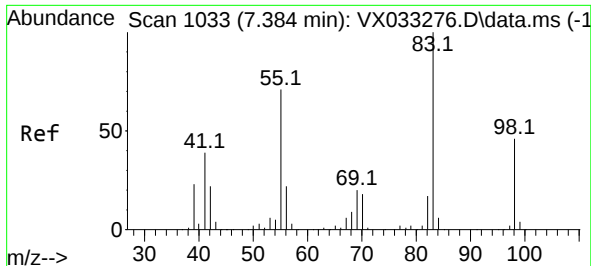
Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Tgt Ion: 117	Resp: 125571
Ion Ratio	Lower Upper
117 100	
119 95.5	77.2 115.8
121 30.6	25.8 38.6





#39

Methylcyclohexane

Concen: 52.652 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12935

Ion Ratio Lower Upper

83 100

55 67.8 58.4 87.6

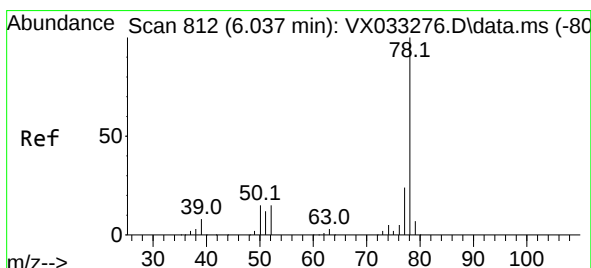
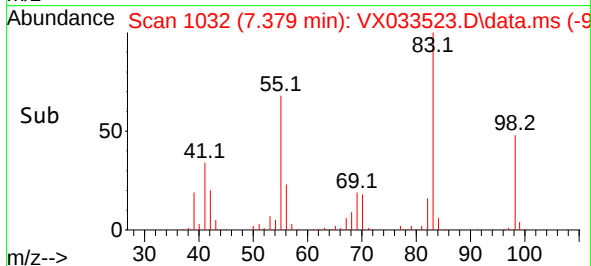
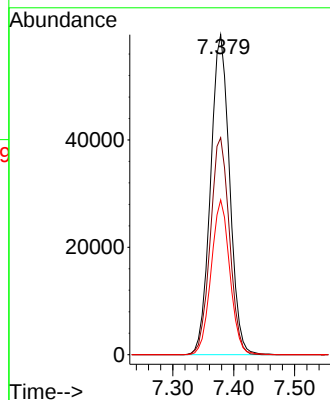
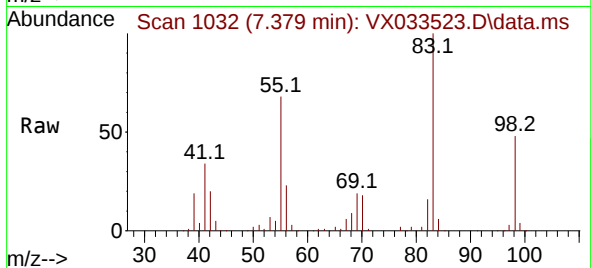
98 48.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#40

Benzene

Concen: 49.152 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033523.D

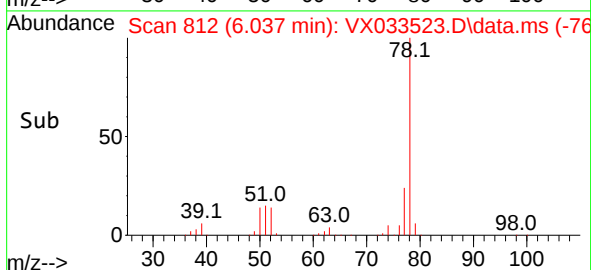
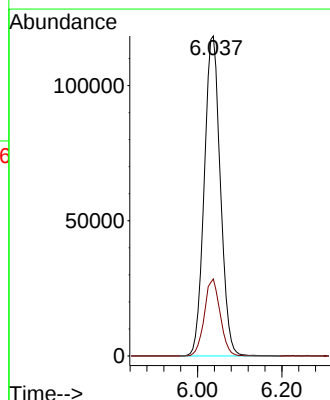
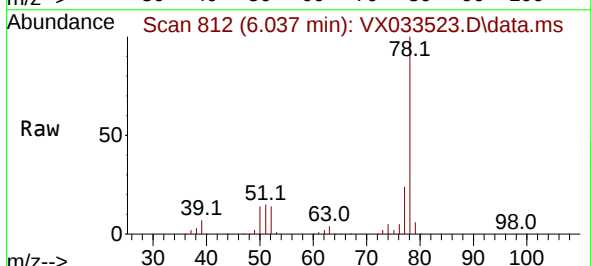
Acq: 21 Dec 2022 10:11

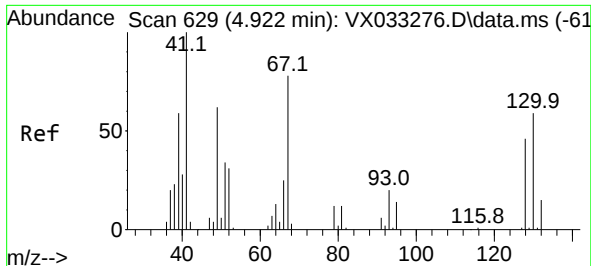
Tgt Ion: 78 Resp: 314550

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





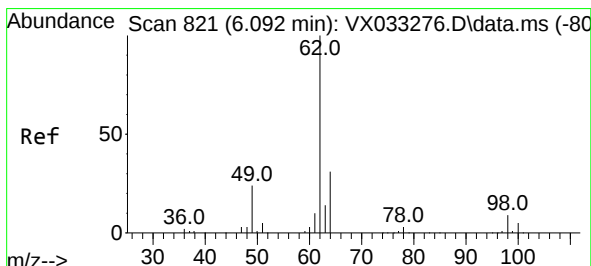
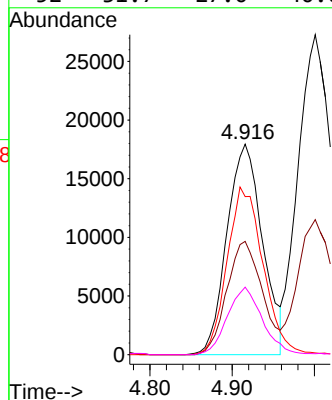
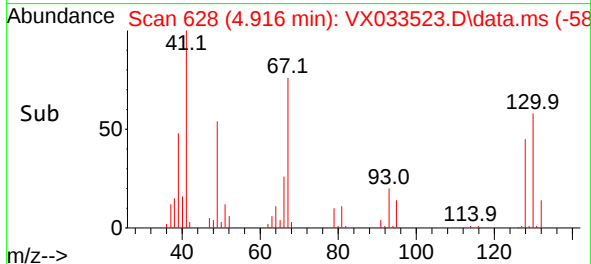
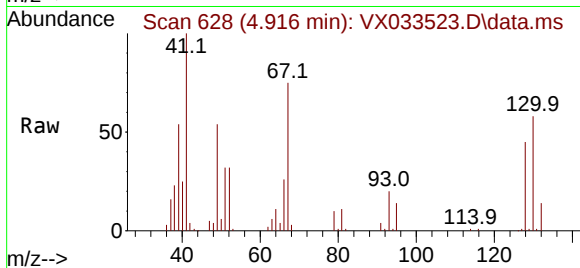
#41
Methacrylonitrile
Concen: 47.331 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 5411
Ion Ratio	Lower Upper
41 100	
39 53.6	47.5 71.3
67 80.5	60.5 90.7
52 31.7	27.0 40.6

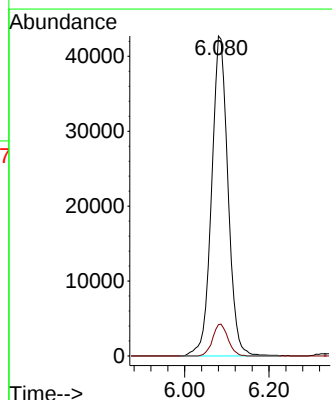
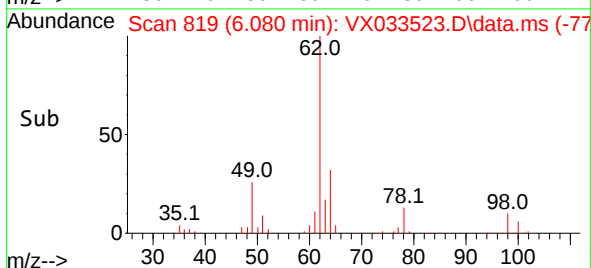
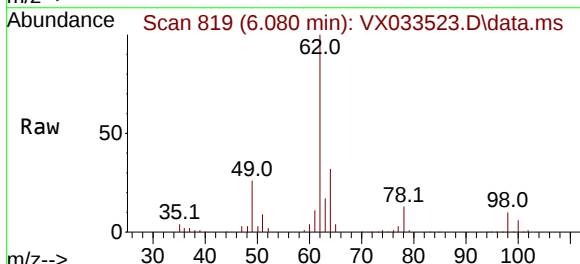
Manual Integrations
APPROVED

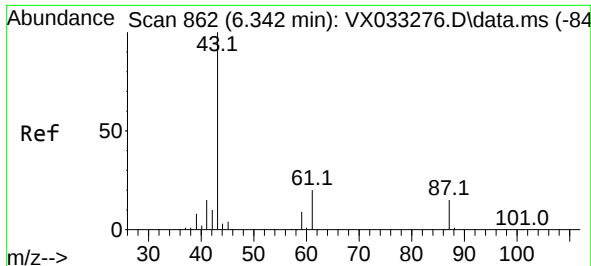
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 45.297 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 62	Resp: 115109
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 16.0





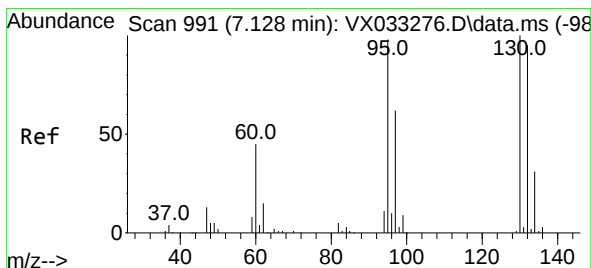
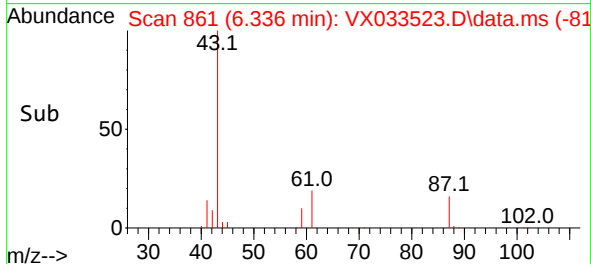
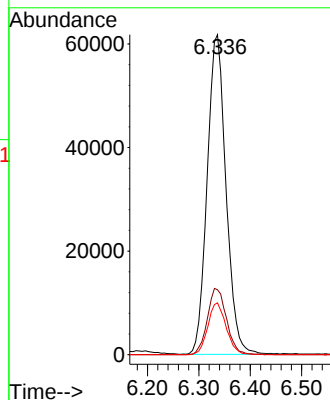
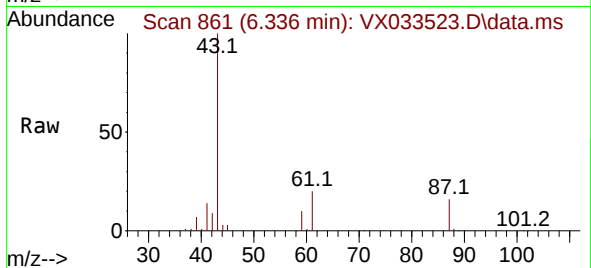
#43
Isopropyl Acetate
Concen: 47.038 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 15702
Ion Ratio Lower Upper
43 100
61 21.1 15.4 23.0
87 15.8 10.8 16.2

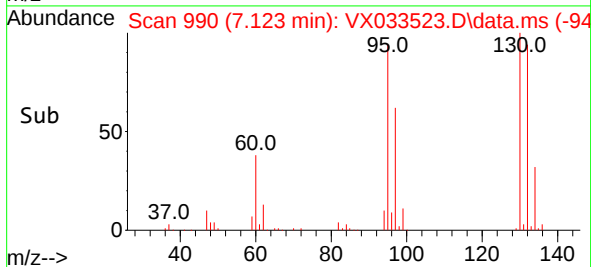
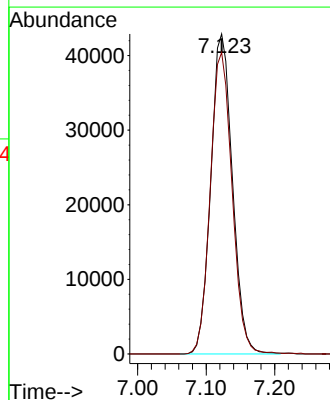
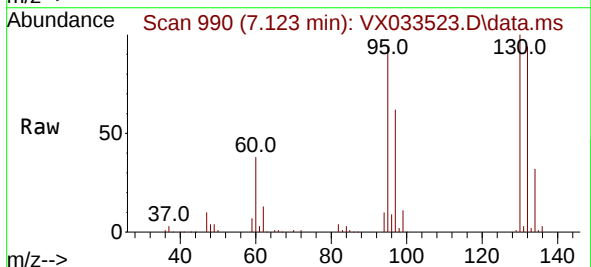
Manual Integrations
APPROVED

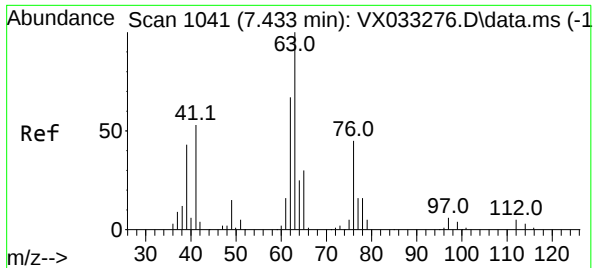
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 53.236 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion:130 Resp: 93930
Ion Ratio Lower Upper
130 100
95 94.3 0.0 195.2





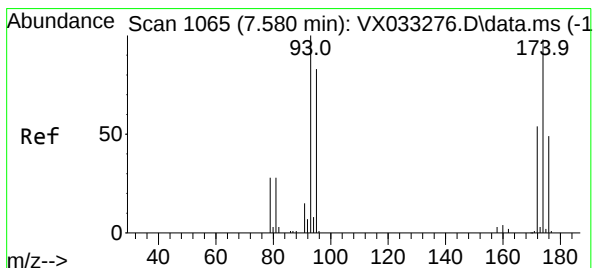
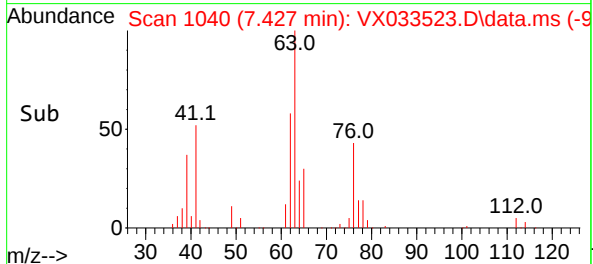
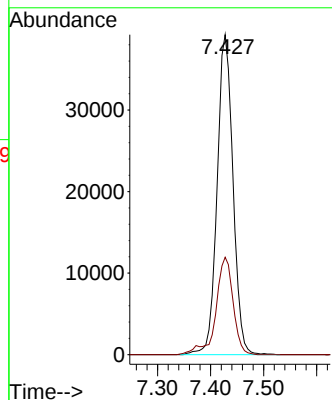
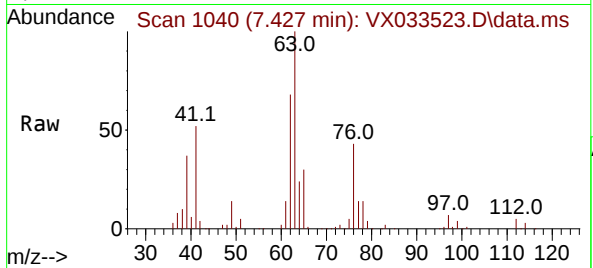
#45
1,2-Dichloropropane
Concen: 49.835 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 8156
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8

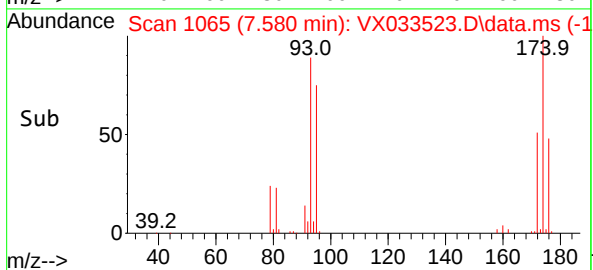
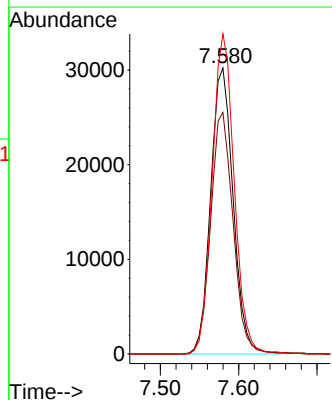
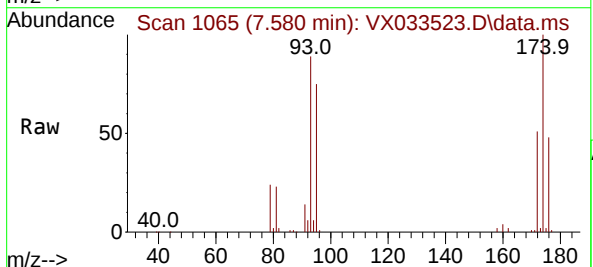
Manual Integrations
APPROVED

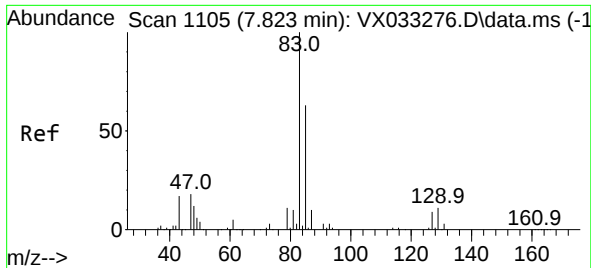
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#46
Dibromomethane
Concen: 48.308 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 93 Resp: 60228
Ion Ratio Lower Upper
93 100
95 84.4 65.8 98.8
174 109.9 79.8 119.6





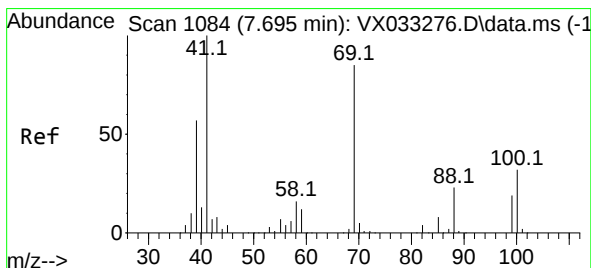
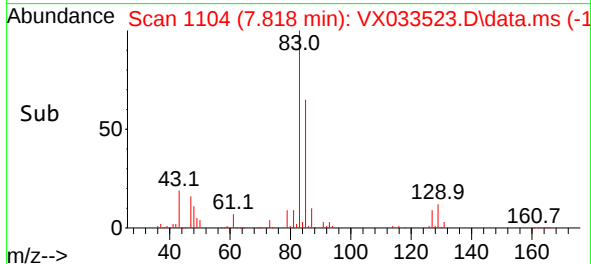
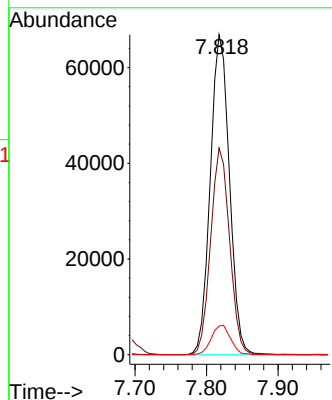
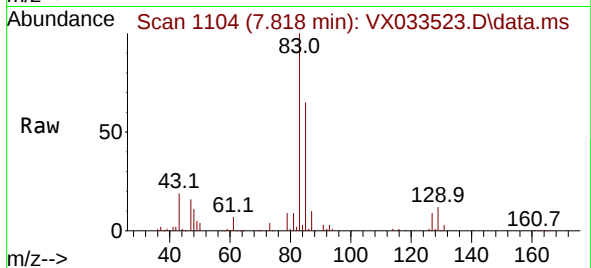
#47
Bromodichloromethane
Concen: 51.189 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 124404
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 8.9 7.4 11.2

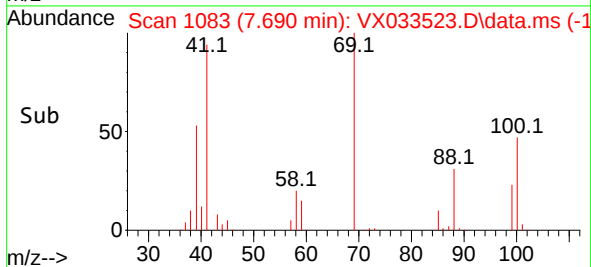
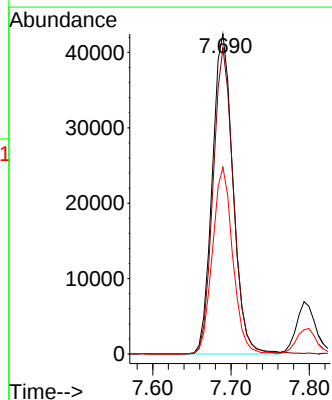
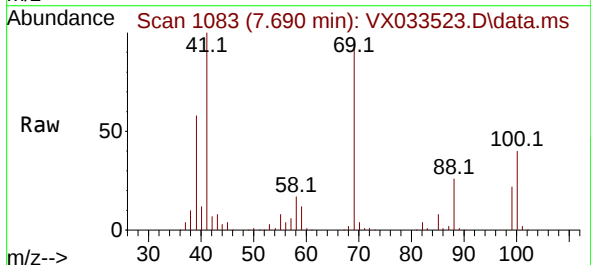
Manual Integrations
APPROVED

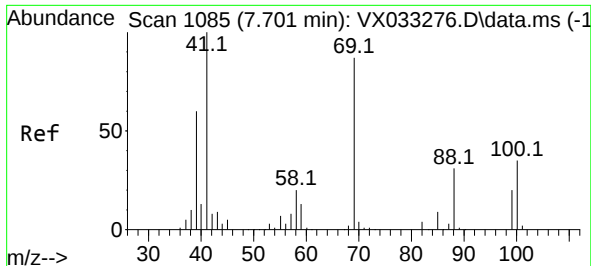
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#48
Methyl methacrylate
Concen: 45.318 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 41 Resp: 78079
Ion Ratio Lower Upper
41 100
69 93.5 65.1 97.7
39 57.2 51.9 77.9





#49

1,4-Dioxane

Concen: 831.607 ug/l

RT: 7.690 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

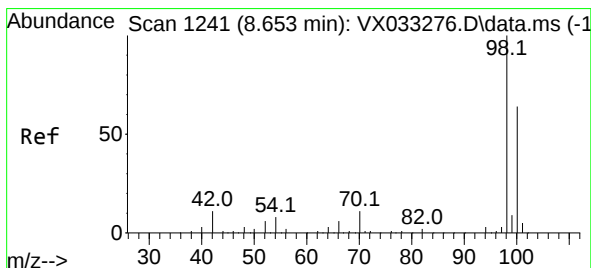
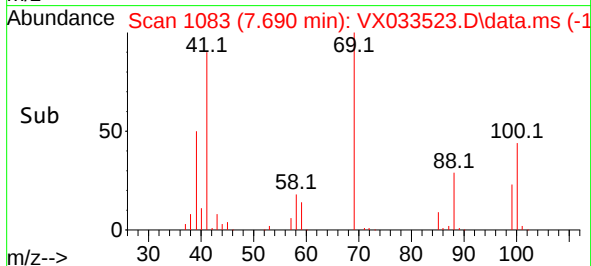
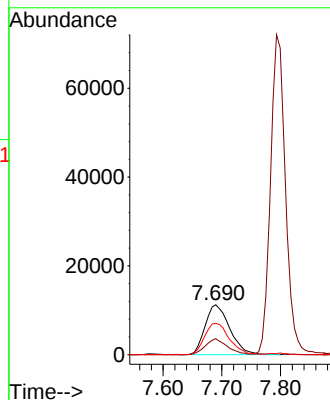
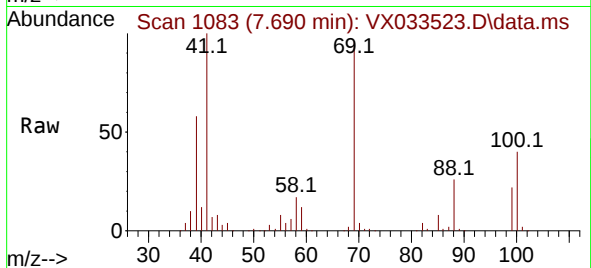
Tgt Ion: 88 Resp: 32672
 Ion Ratio Lower Upper
 88 100
 43 28.7 26.6 39.8
 58 62.9 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 48.036 ug/l

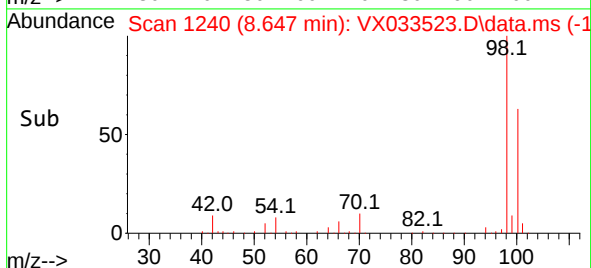
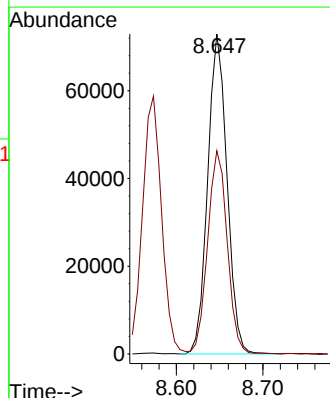
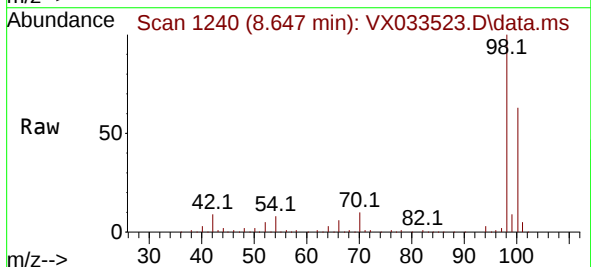
RT: 8.647 min Scan# 1240

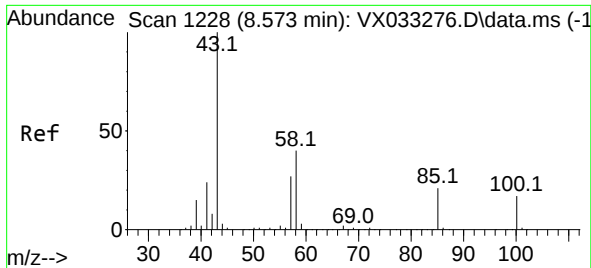
Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Tgt Ion: 98 Resp: 113127
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3





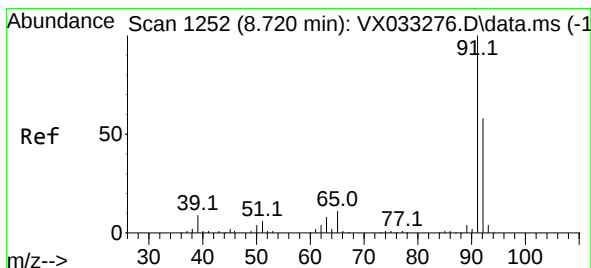
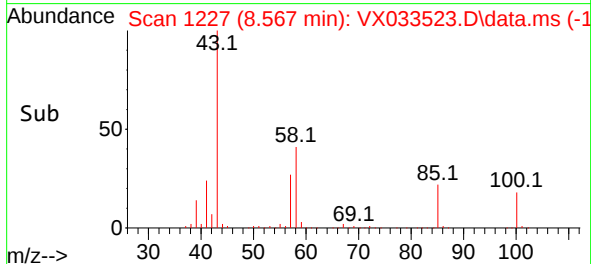
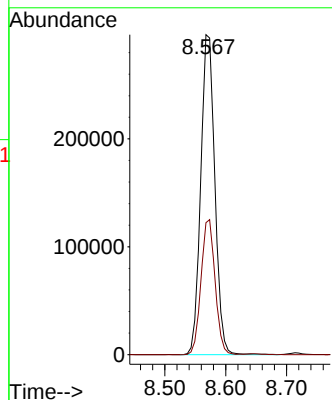
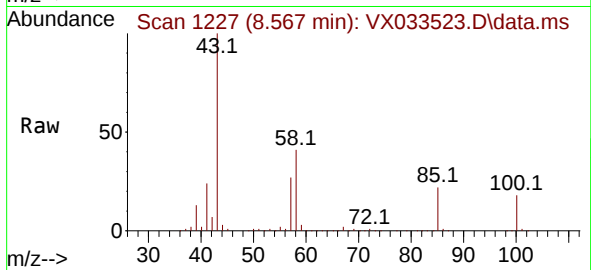
#51
4-Methyl-2-Pentanone
Concen: 226.800 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 478790
Ion Ratio Lower Upper
43 100
58 42.0 30.9 46.3

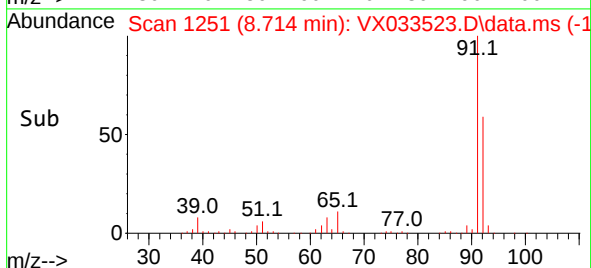
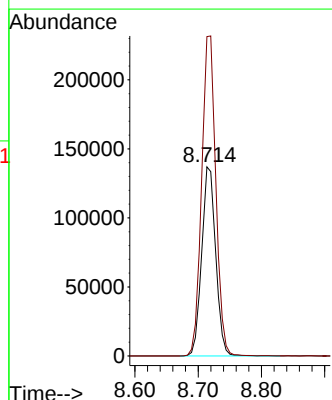
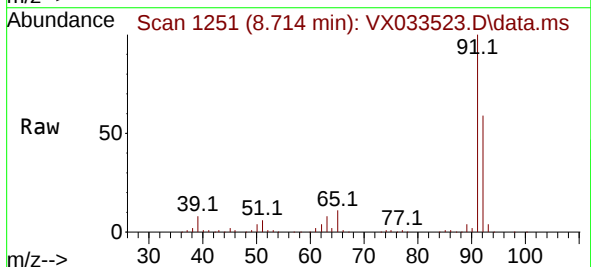
Manual Integrations
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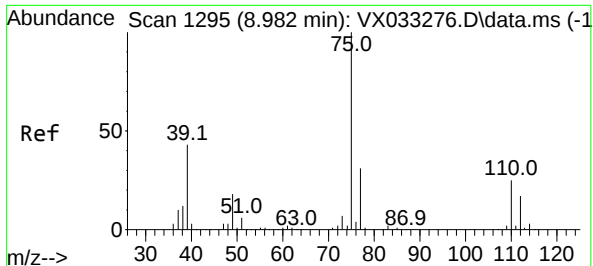
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 51.065 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 92 Resp: 211286
Ion Ratio Lower Upper
92 100
91 171.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 48.374 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 126069

Ion Ratio Lower Upper

75 100

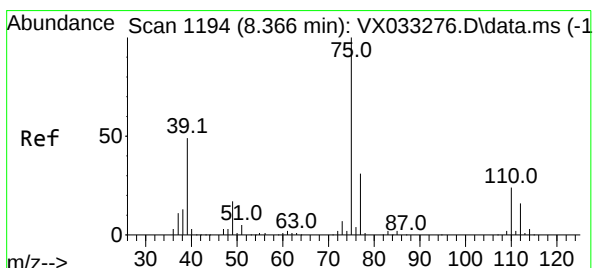
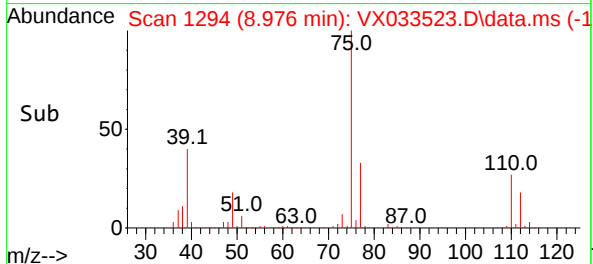
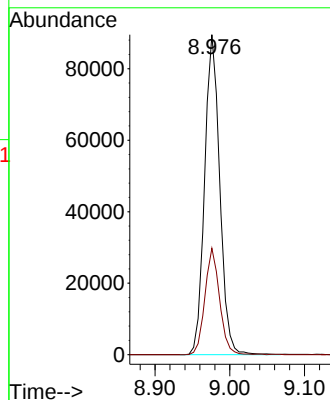
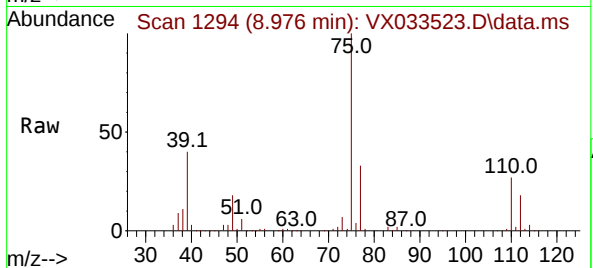
77 33.2 25.1 37.7

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#54

cis-1,3-Dichloropropene

Concen: 52.694 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

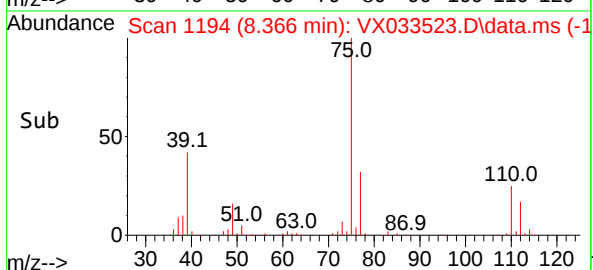
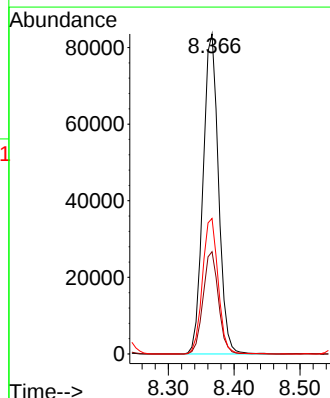
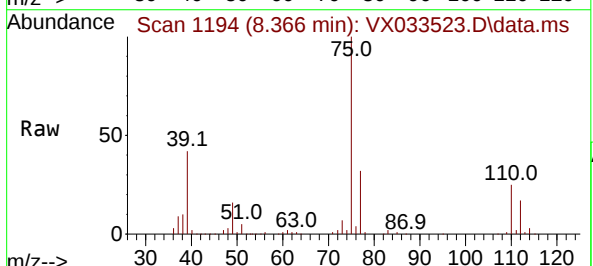
Tgt Ion: 75 Resp: 136273

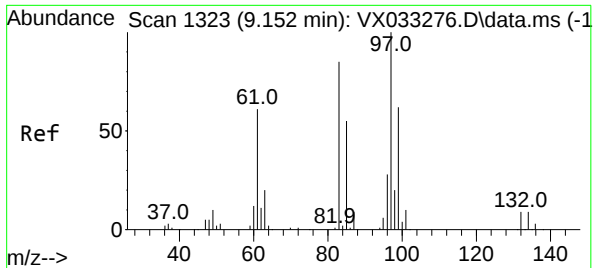
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

39 42.4 45.5 68.3#





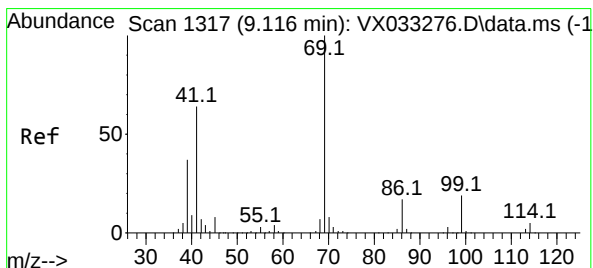
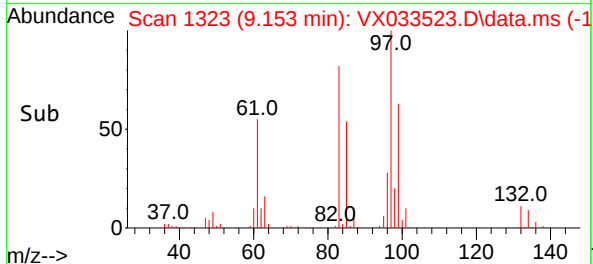
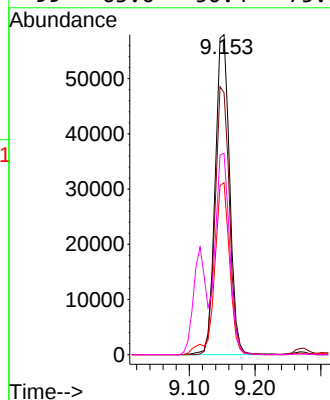
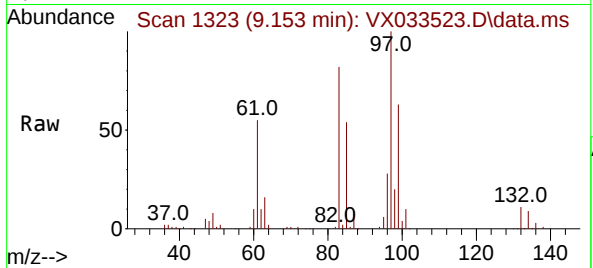
#55
1,1,2-Trichloroethane
Concen: 50.882 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 88498
Ion Ratio	Lower Upper
97 100	
83 81.9	68.1 102.1
85 53.8	43.3 64.9
99 63.0	50.4 75.6

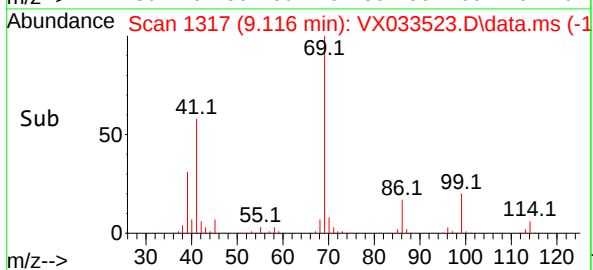
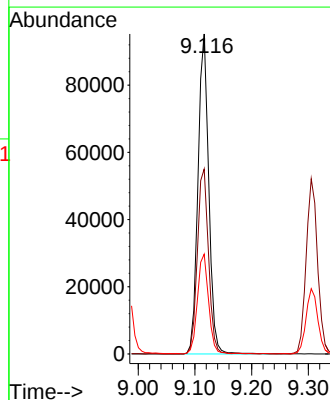
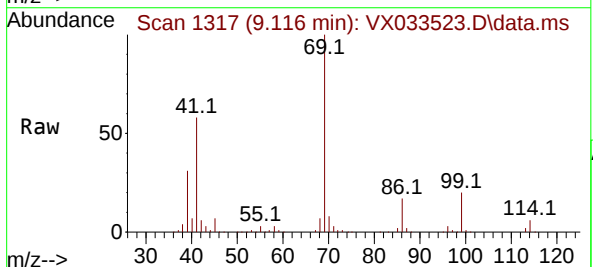
Manual Integrations
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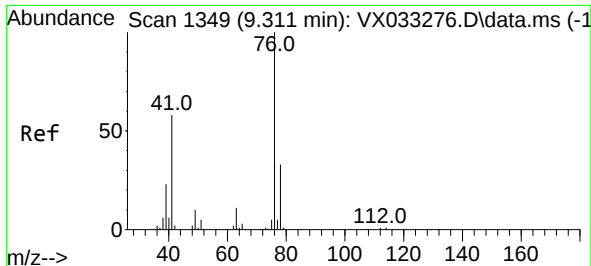
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#56
Ethyl methacrylate
Concen: 51.111 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 69	Resp: 125163
Ion Ratio	Lower Upper
69 100	
41 60.2	54.3 81.5
39 32.3	35.2 52.8





#57

1,3-Dichloropropane

Concen: 49.256 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 137624

Ion Ratio Lower Upper

76 100

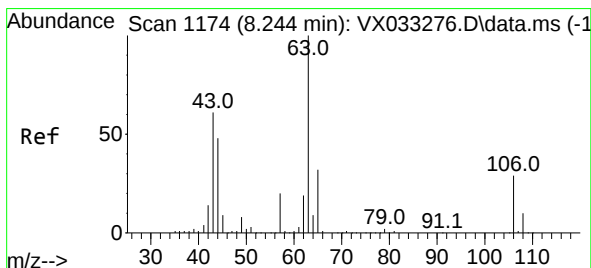
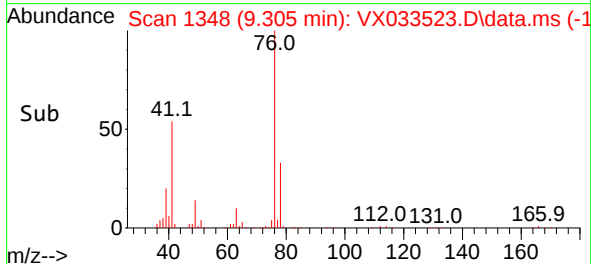
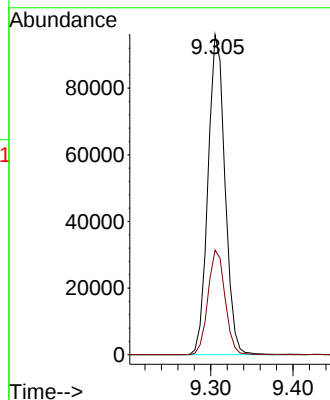
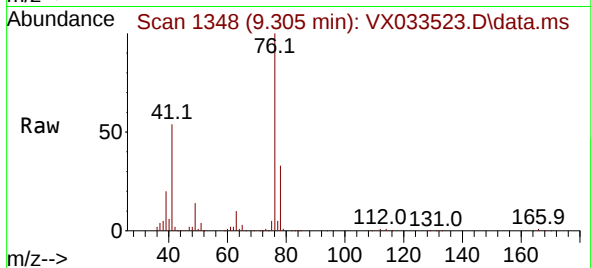
78 32.9 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 246.519 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033523.D

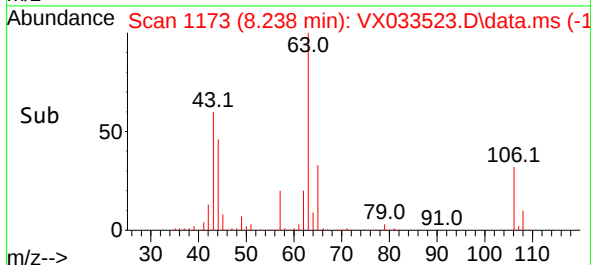
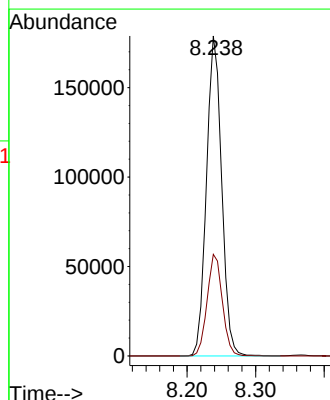
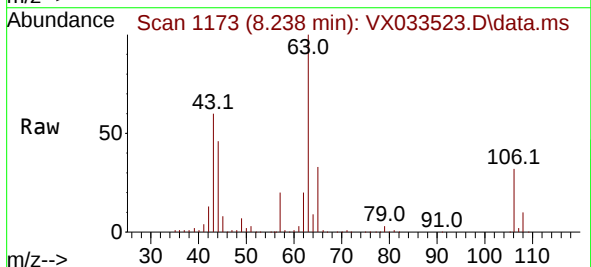
Acq: 21 Dec 2022 10:11

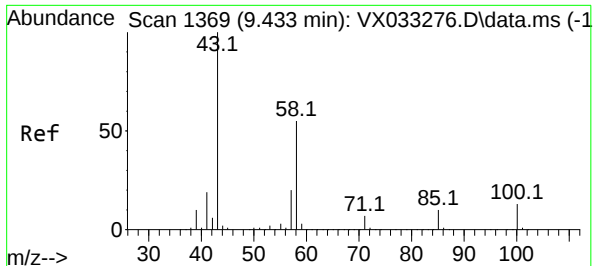
Tgt Ion: 63 Resp: 276223

Ion Ratio Lower Upper

63 100

106 31.8 23.3 34.9





#59

2-Hexanone

Concen: 241.528 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 375754

Ion Ratio Lower Upper

43 100

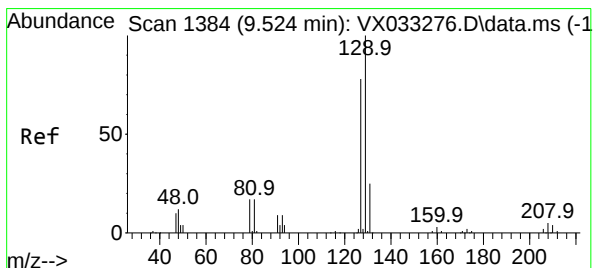
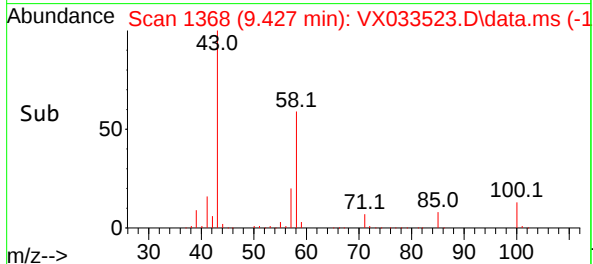
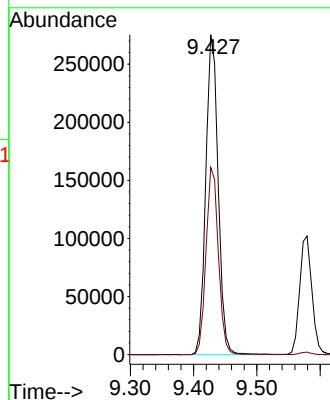
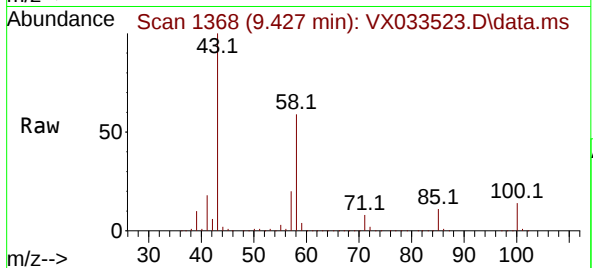
58 58.6 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#60

Dibromochloromethane

Concen: 53.648 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033523.D

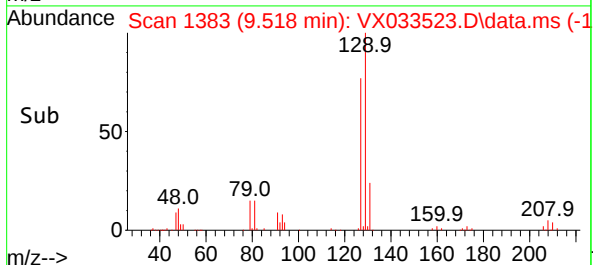
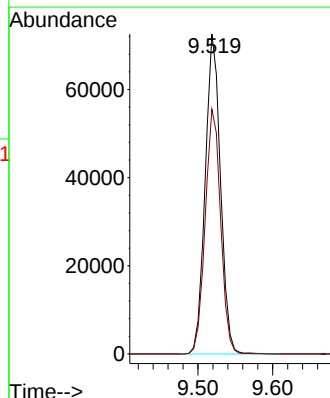
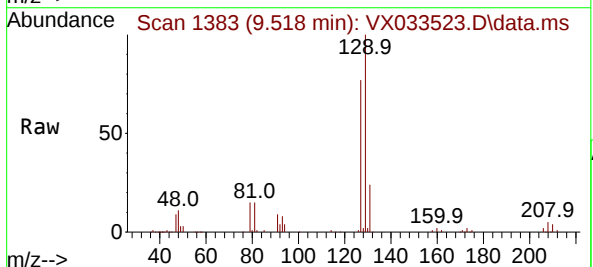
Acq: 21 Dec 2022 10:11

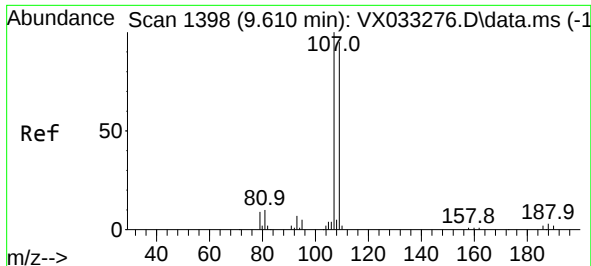
Tgt Ion:129 Resp: 102806

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.8





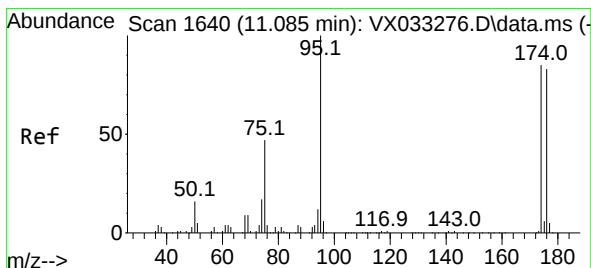
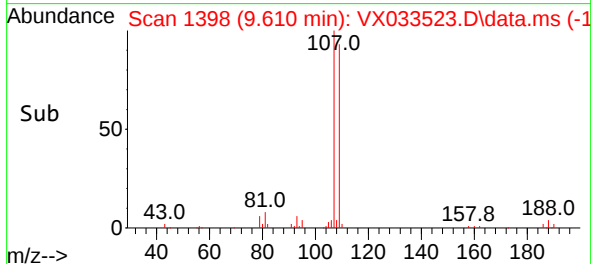
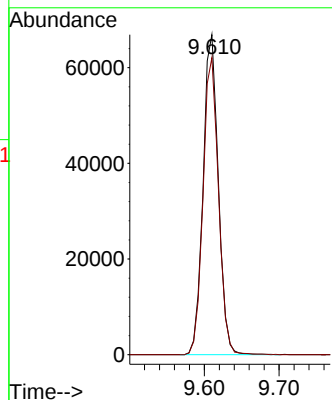
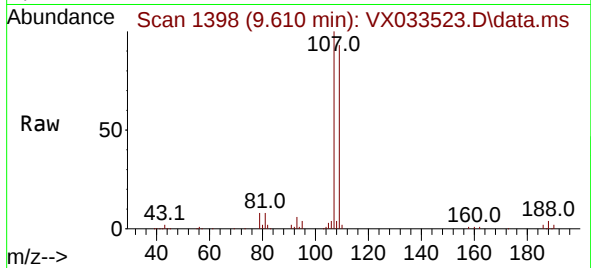
#61
1,2-Dibromoethane
Concen: 51.170 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 9466
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

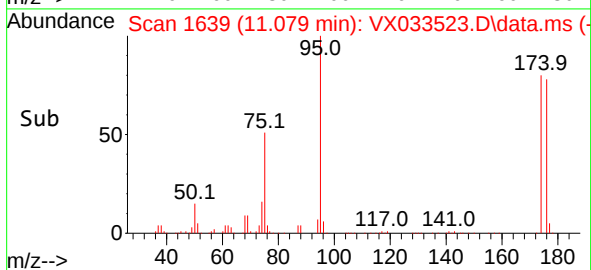
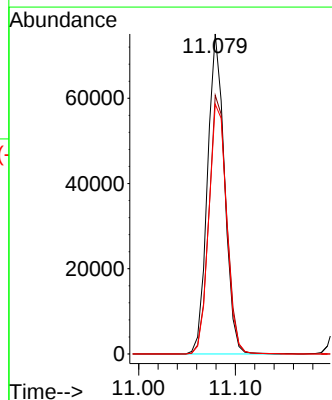
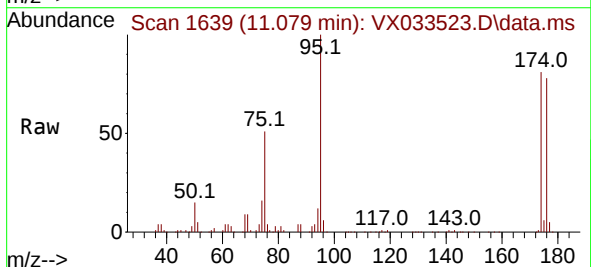
Manual Integrations
APPROVED

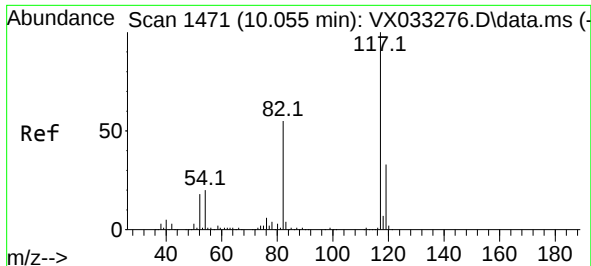
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#62
4-Bromofluorobenzene
Concen: 51.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

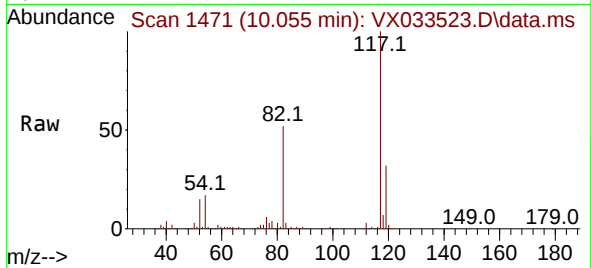
Tgt Ion: 95 Resp: 92105
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 81.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

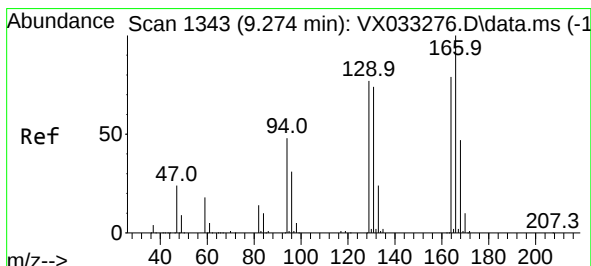
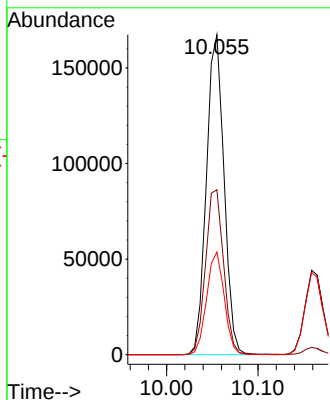
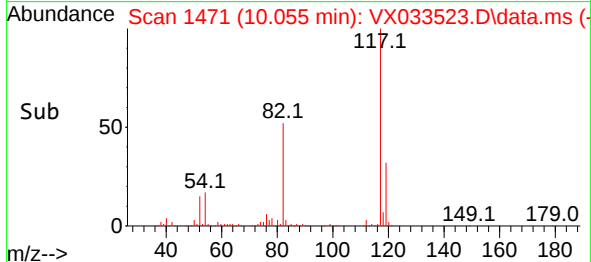
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 223725
Ion Ratio Lower Upper
117 100
82 51.5 44.3 66.5
119 32.1 25.7 38.5

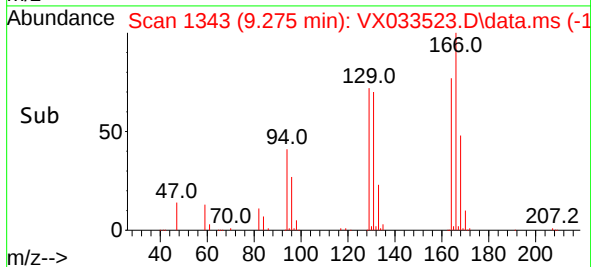
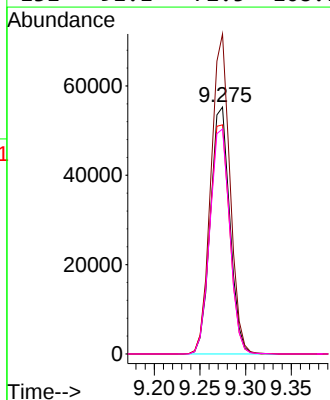
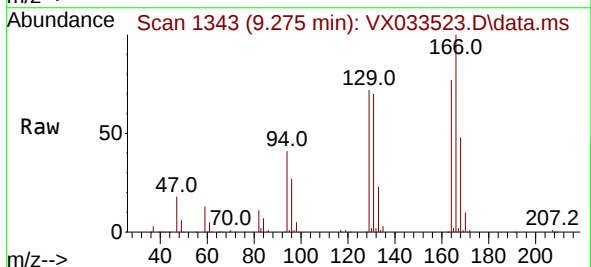
Manual Integrations
APPROVED

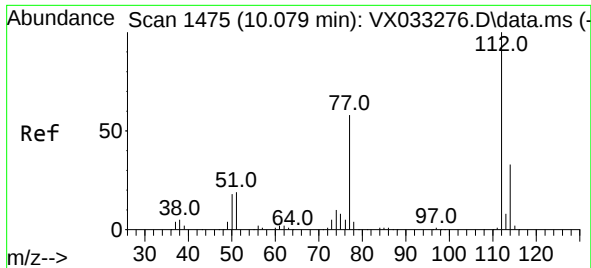
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#64
Tetrachloroethene
Concen: 53.263 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion:164 Resp: 81483
Ion Ratio Lower Upper
164 100
166 129.6 105.4 158.2
129 92.8 78.2 117.2
131 91.1 72.5 108.7





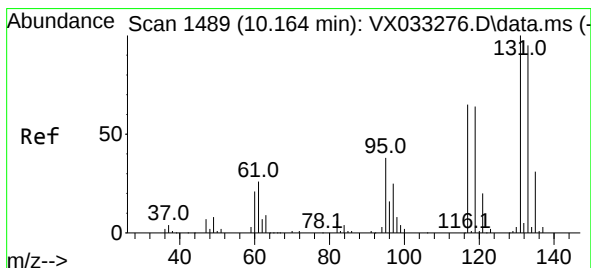
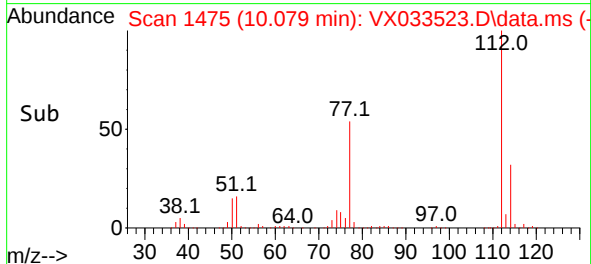
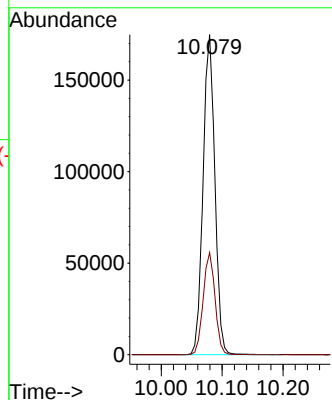
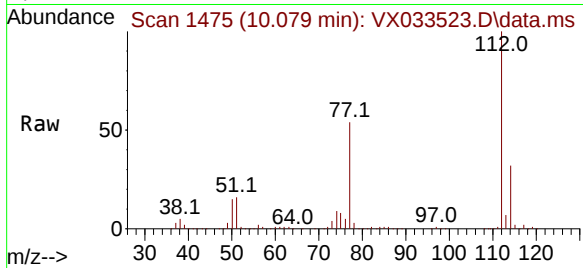
#65
Chlorobenzene
Concen: 52.112 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 236092
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

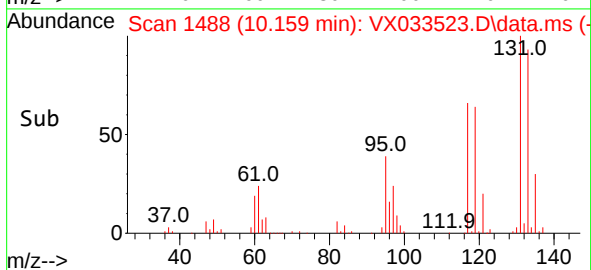
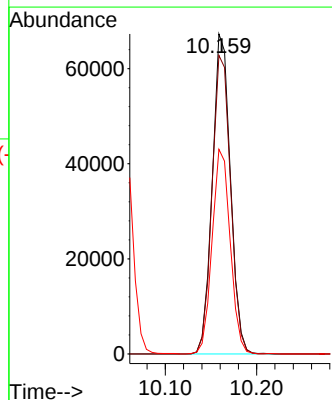
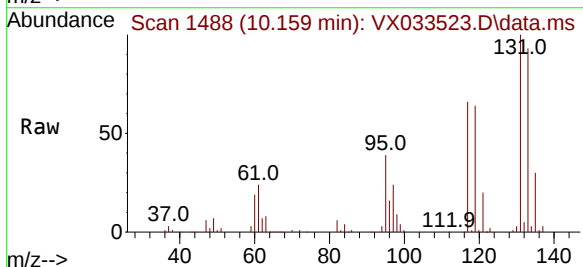
Manual Integrations
APPROVED

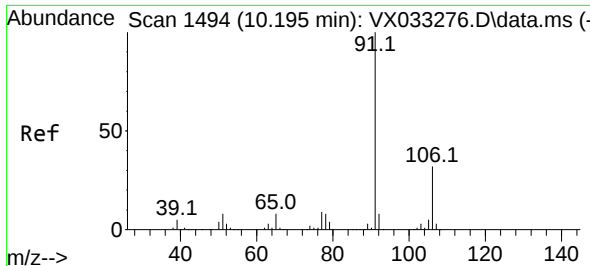
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.946 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

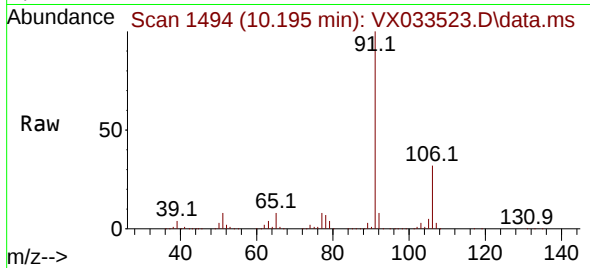
Tgt Ion:131 Resp: 92360
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 64.0 32.4 97.0





#67
Ethyl Benzene
Concen: 52.839 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

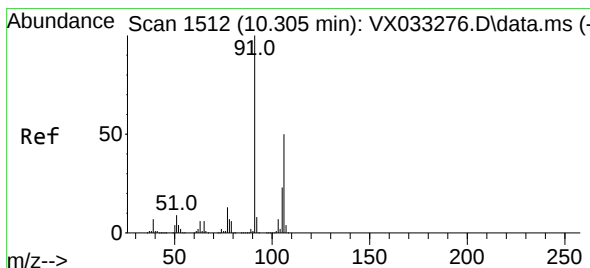
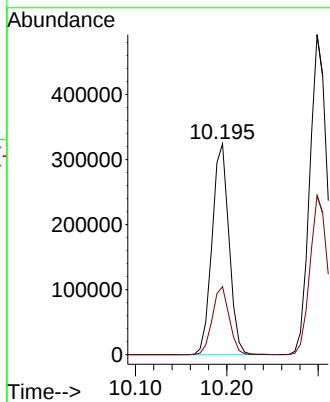
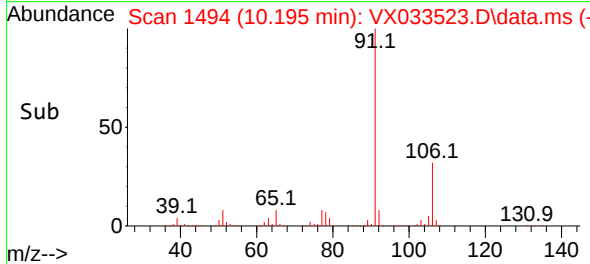
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 417049
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6

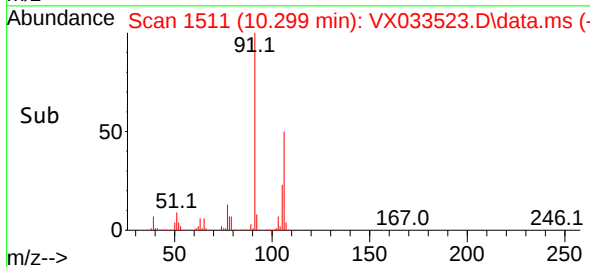
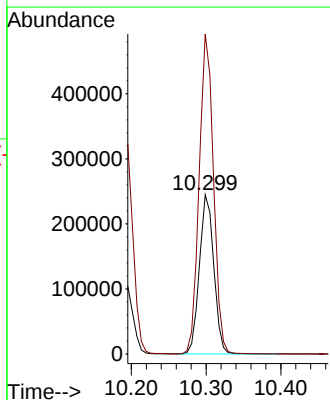
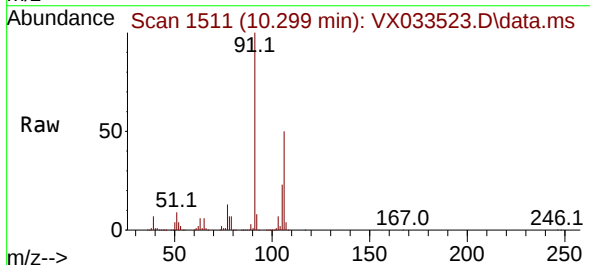
Manual Integrations
APPROVED

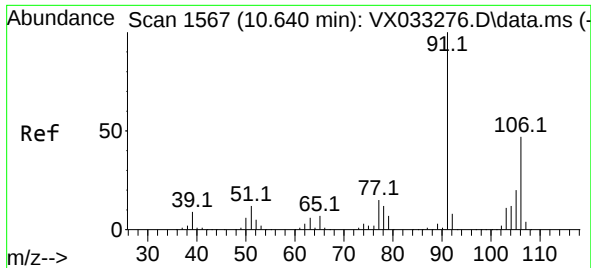
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#68
m/p-Xylenes
Concen: 106.649 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion:106 Resp: 327499
Ion Ratio Lower Upper
106 100
91 199.8 164.5 246.7





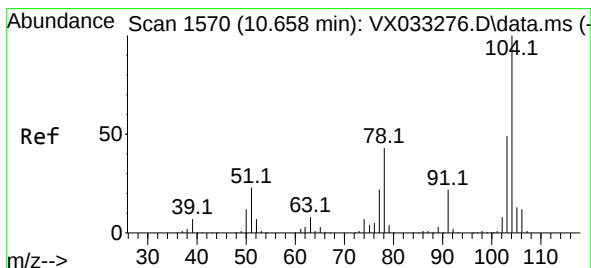
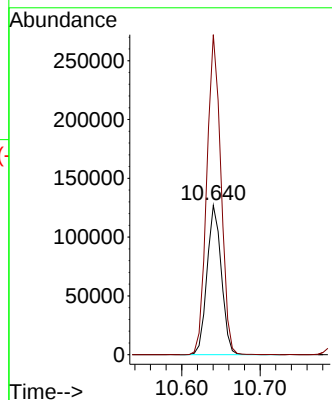
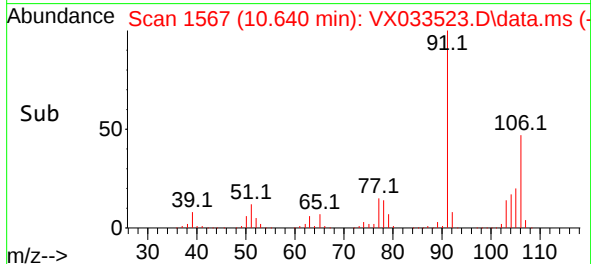
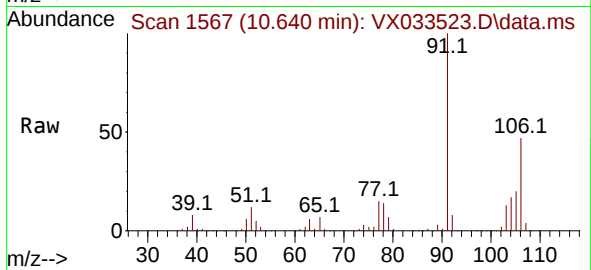
#69
o-Xylene
Concen: 52.976 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 160798
Ion Ratio Lower Upper
106 100
91 211.6 109.2 327.6

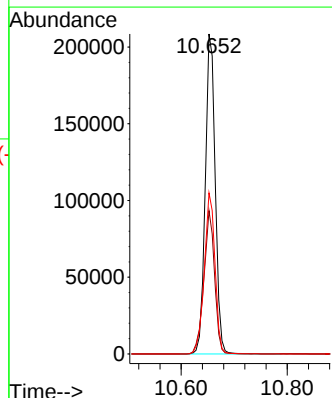
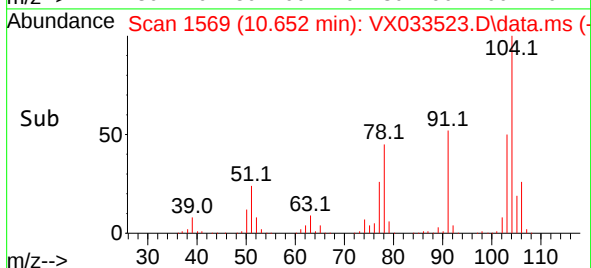
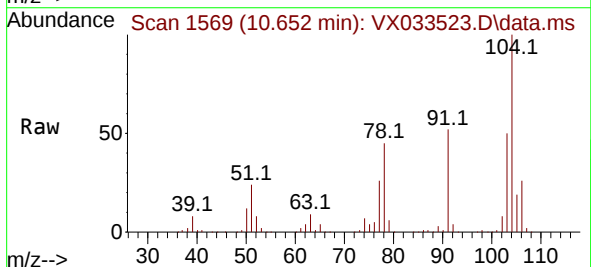
Manual Integrations
APPROVED

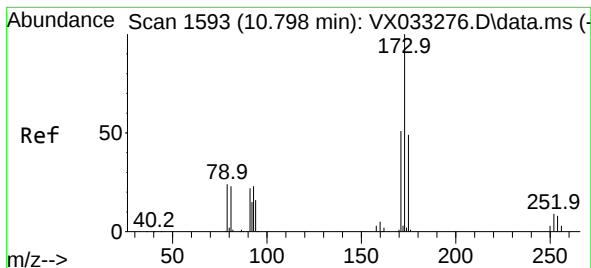
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 54.592 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

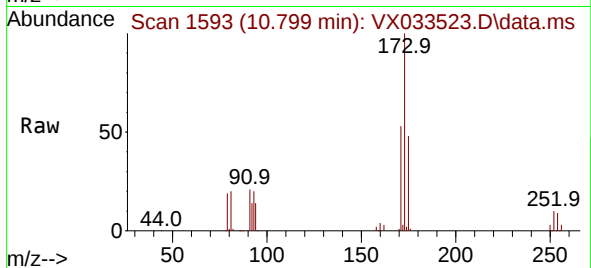
Tgt Ion:104 Resp: 271384
Ion Ratio Lower Upper
104 100
78 48.1 41.8 62.8
103 54.3 44.5 66.7





#71
Bromoform
Concen: 56.222 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

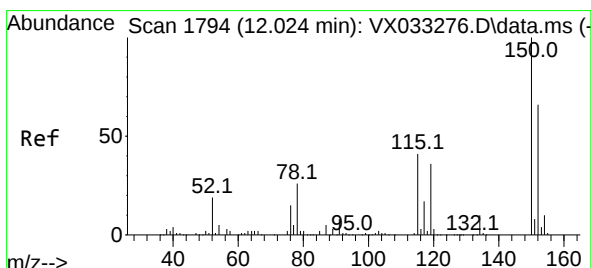
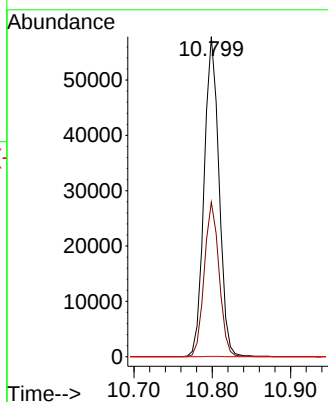
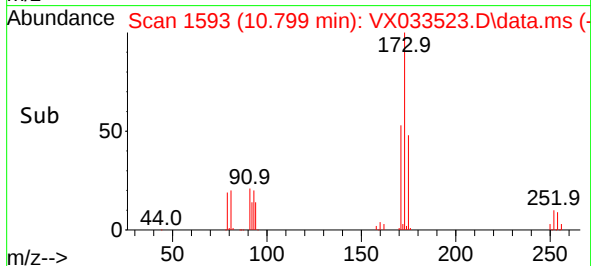
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 7619
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.1 0.0 0.0

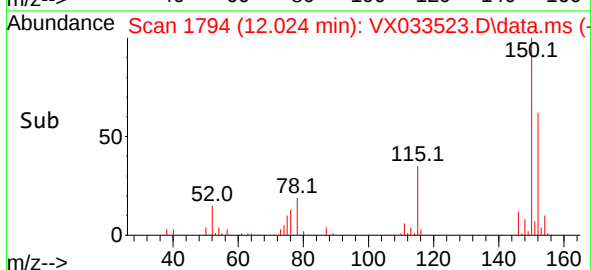
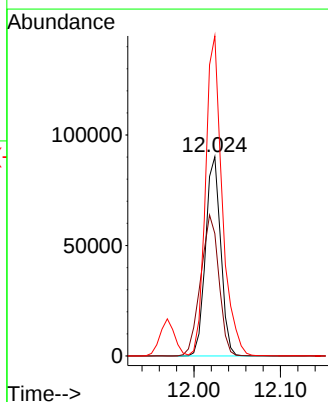
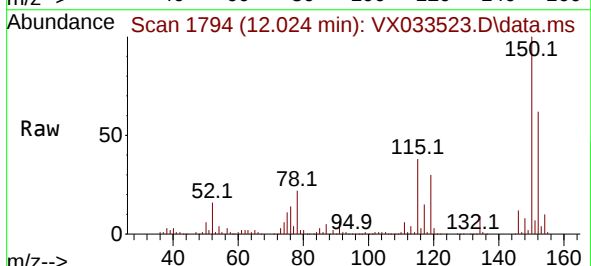
Manual Integrations
APPROVED

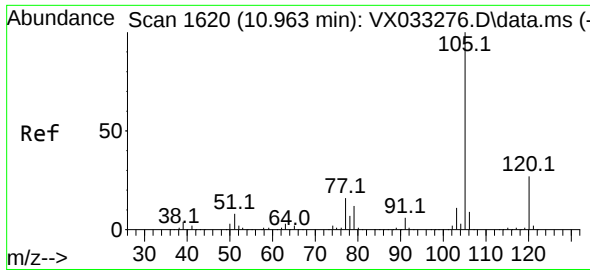
Reviewed By :John Carbone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

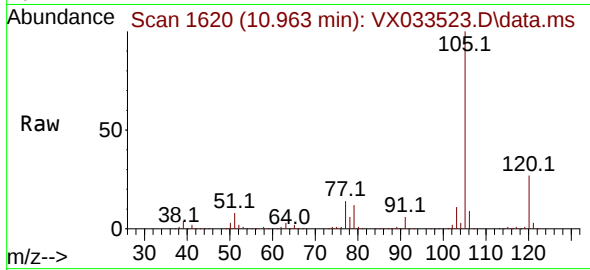
Tgt Ion:152 Resp: 109644
Ion Ratio Lower Upper
152 100
115 85.1 44.0 132.0
150 176.3 0.0 351.8





#73
Isopropylbenzene
Concen: 53.551 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

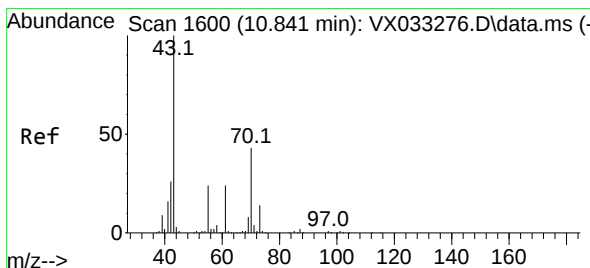
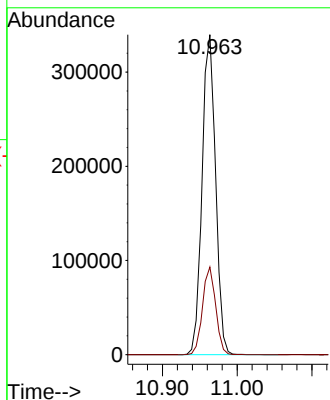
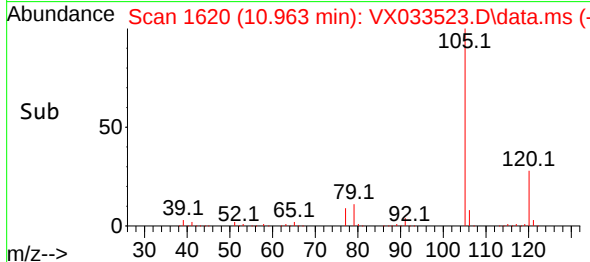
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



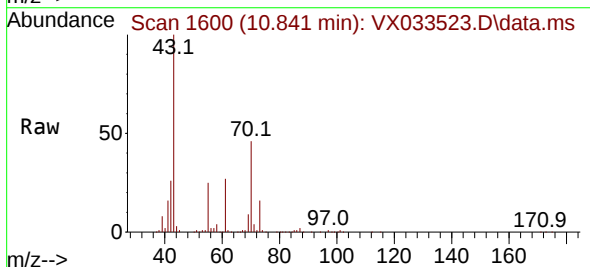
Tgt Ion:105 Resp: 425579
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

Manual Integrations
APPROVED

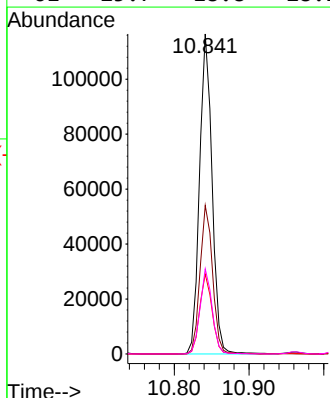
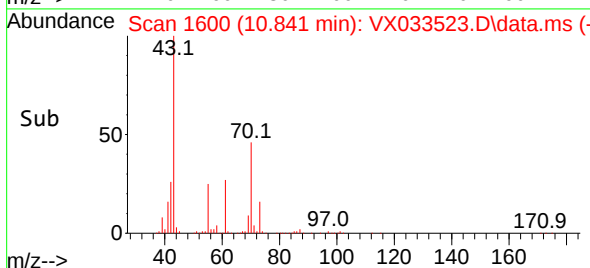
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

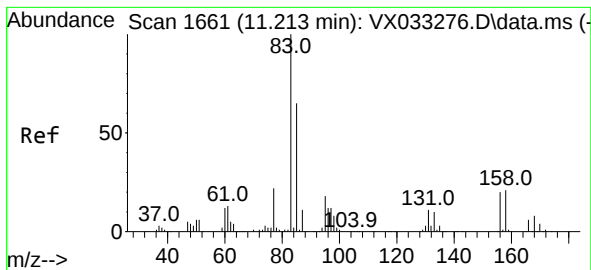


#74
N-ethyl acetate
Concen: 50.129 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11



Tgt Ion: 43 Resp: 135920
Ion Ratio Lower Upper
43 100
70 46.5 33.6 50.4
55 24.7 19.4 29.2
61 25.7 18.8 28.2





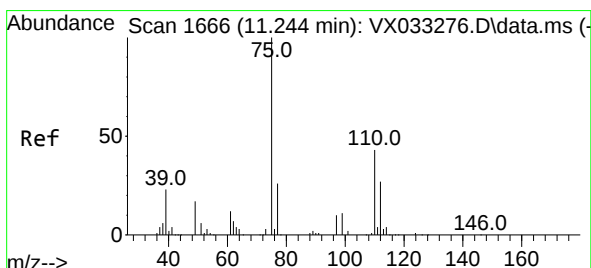
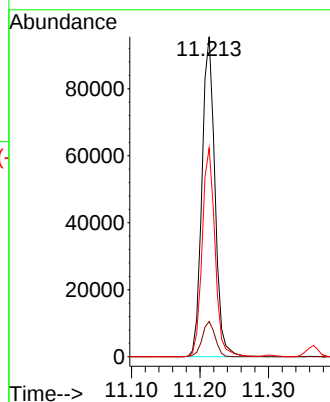
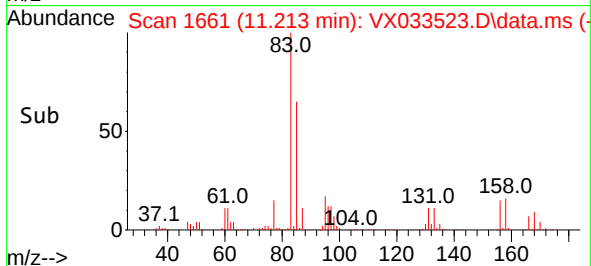
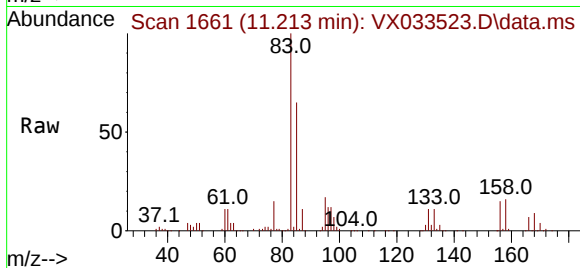
#75
1,1,2,2-Tetrachloroethane
Concen: 49.874 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12574
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 64.7 31.9 95.9

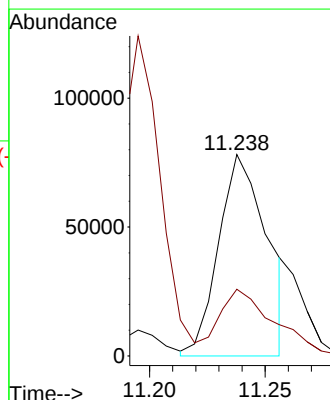
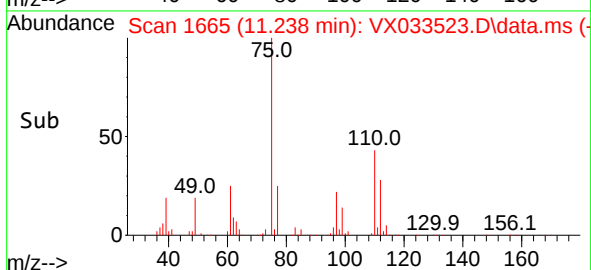
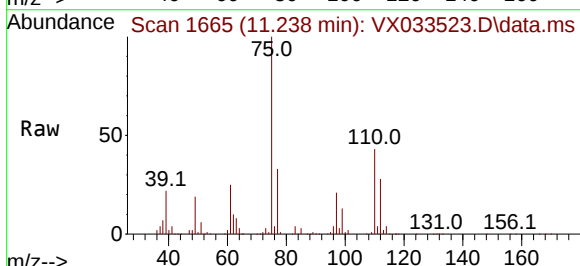
Manual Integrations
APPROVED

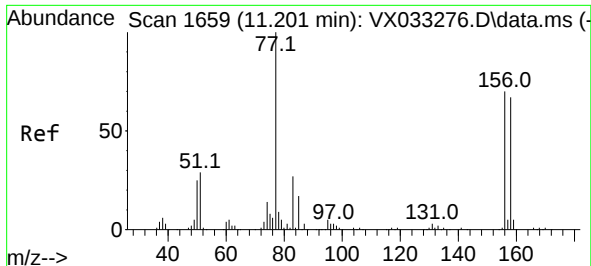
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#76
1,2,3-Trichloropropane
Concen: 50.844 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

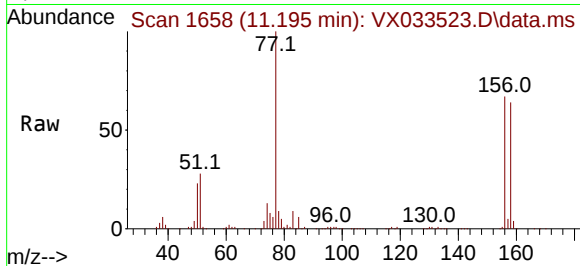
Tgt Ion: 75 Resp: 113418
Ion Ratio Lower Upper
75 100
77 38.2 20.0 60.0





#77
Bromobenzene
Concen: 53.770 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

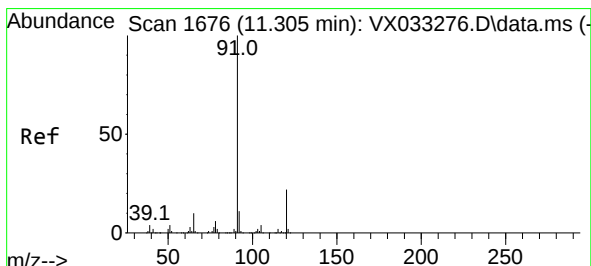
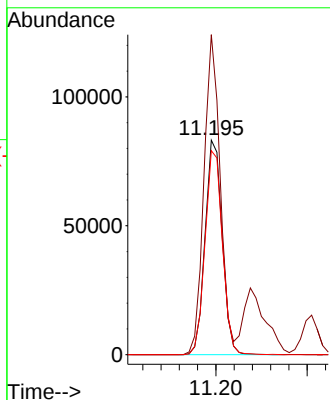
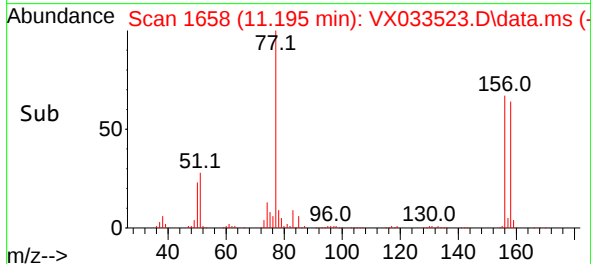
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



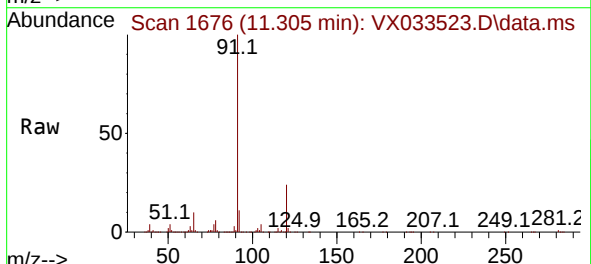
Tgt Ion:156 Resp: 107904
Ion Ratio Lower Upper
156 100
77 141.3 76.1 228.4
158 96.8 48.8 146.3

Manual Integrations
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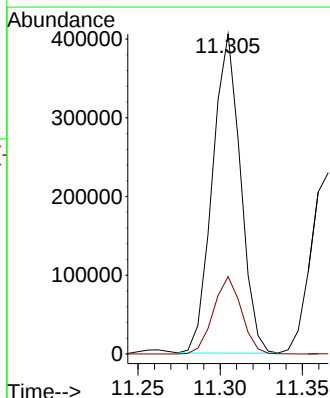
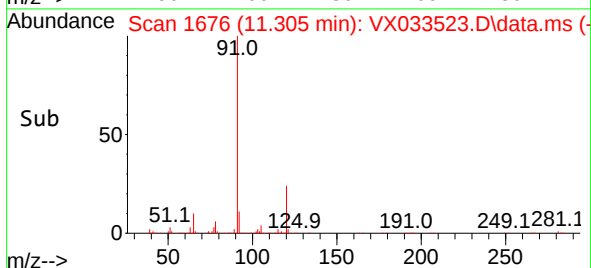
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

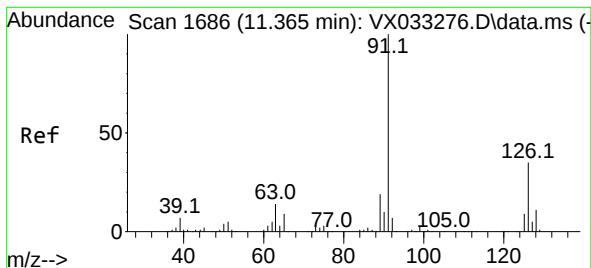


#78
n-propylbenzene
Concen: 54.073 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11



Tgt Ion: 91 Resp: 479825
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.8





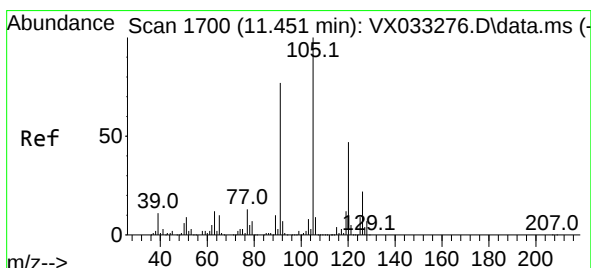
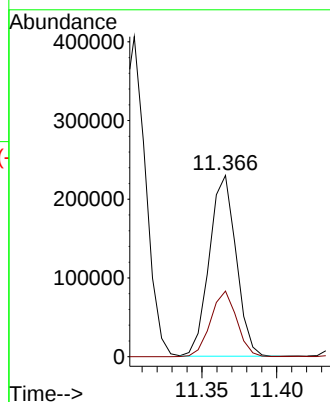
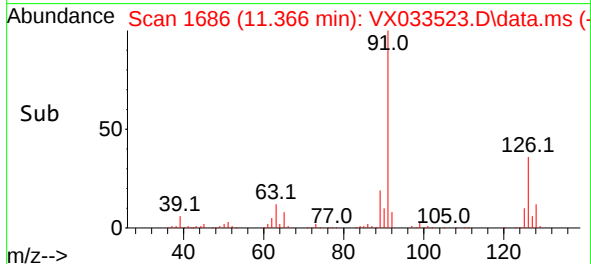
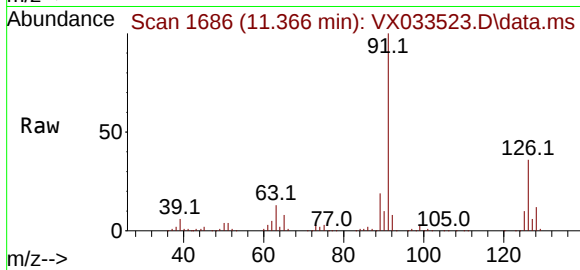
#79
2-Chlorotoluene
Concen: 52.184 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 286170
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.2

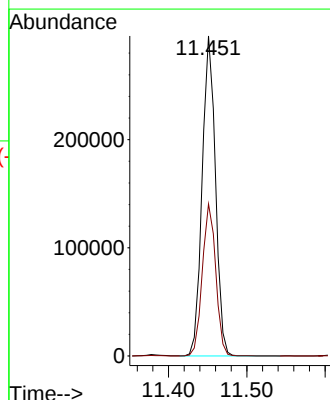
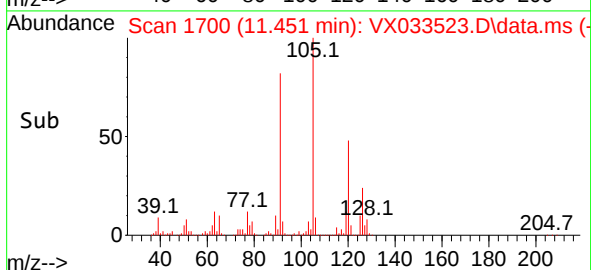
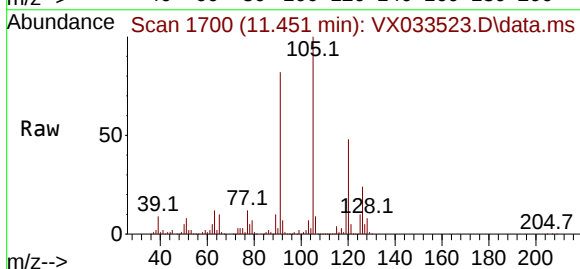
Manual Integrations
APPROVED

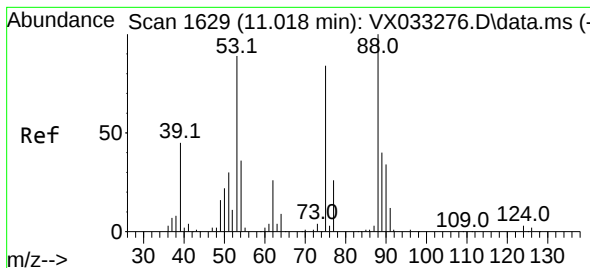
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.712 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion:105 Resp: 348704
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0





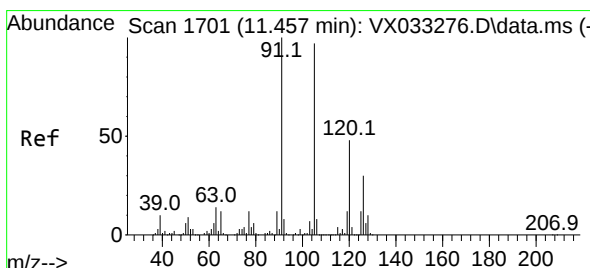
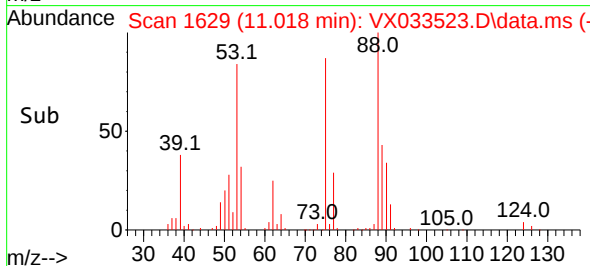
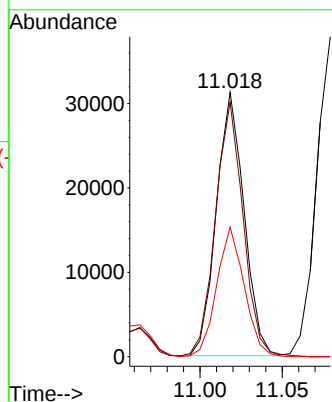
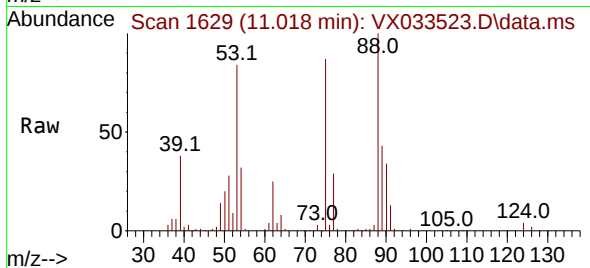
#81
trans-1,4-Dichloro-2-butene
Concen: 50.962 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 36540
Ion Ratio Lower Upper
75 100
53 96.9 86.9 130.3
89 48.9 38.3 57.5

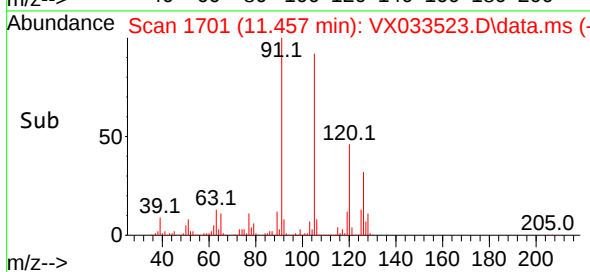
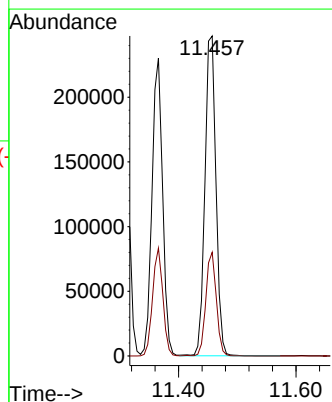
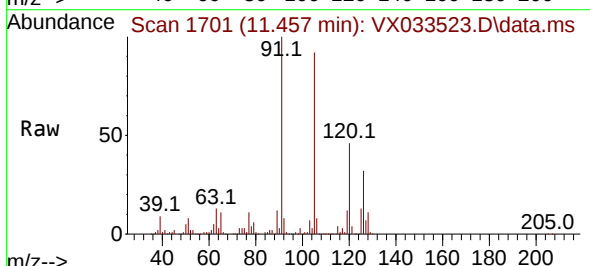
Manual Integrations
APPROVED

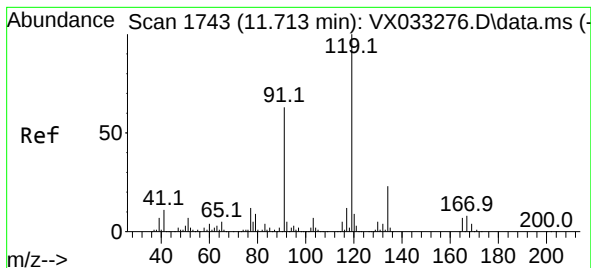
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 50.716 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

Tgt Ion: 91 Resp: 323404
Ion Ratio Lower Upper
91 100
126 30.9 14.8 44.4





#83

tert-Butylbenzene

Concen: 55.694 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 36739

Ion Ratio Lower Upper

119 100

91 54.4 29.4 88.2

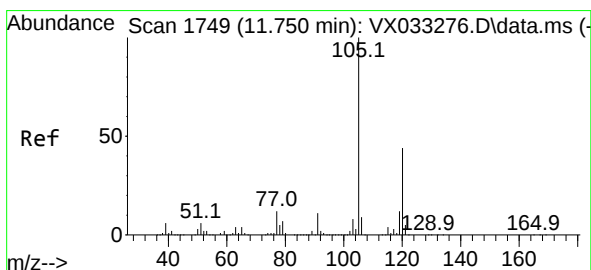
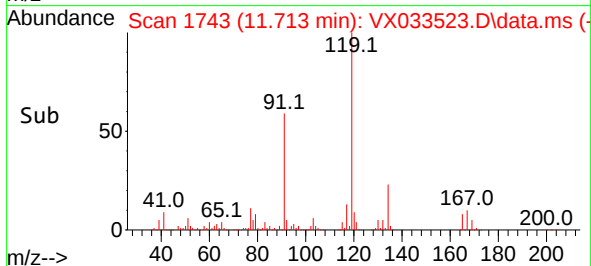
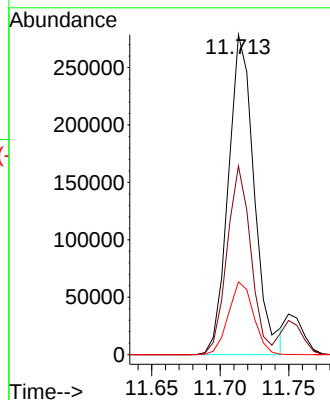
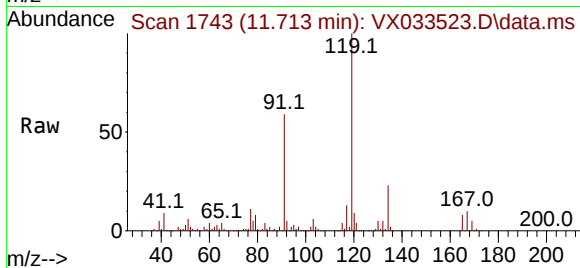
134 22.1 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#84

1,2,4-Trimethylbenzene

Concen: 54.100 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033523.D

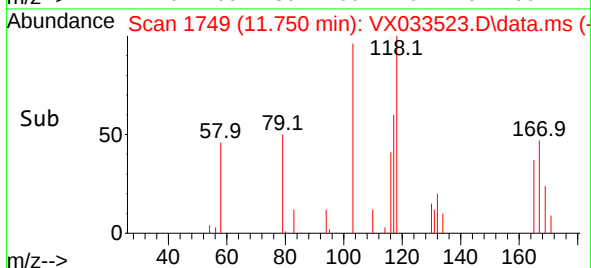
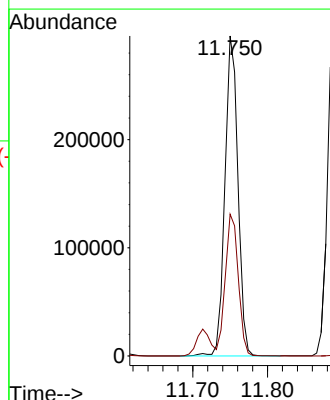
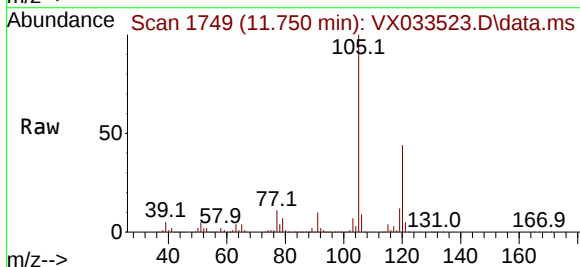
Acq: 21 Dec 2022 10:11

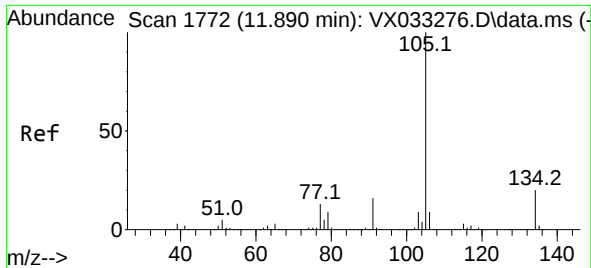
Tgt Ion:105 Resp: 357240

Ion Ratio Lower Upper

105 100

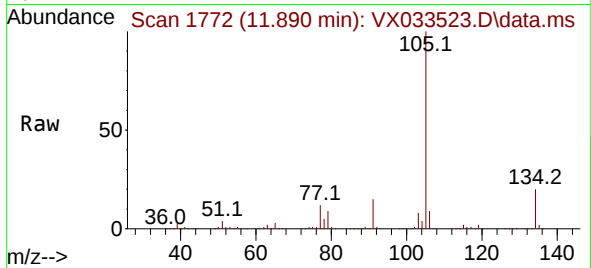
120 44.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 56.310 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033523.D
 Acq: 21 Dec 2022 10:11

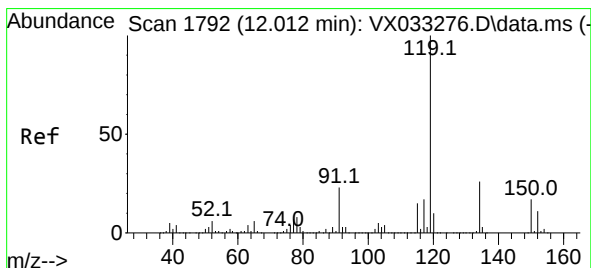
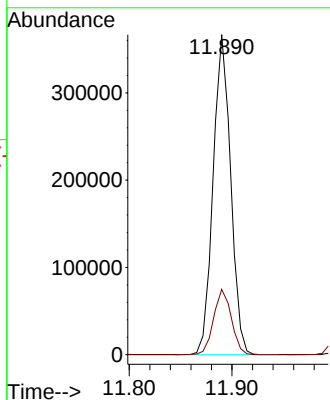
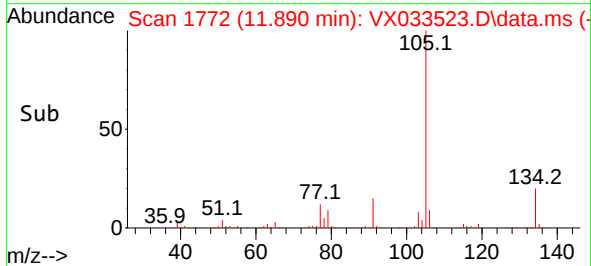
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



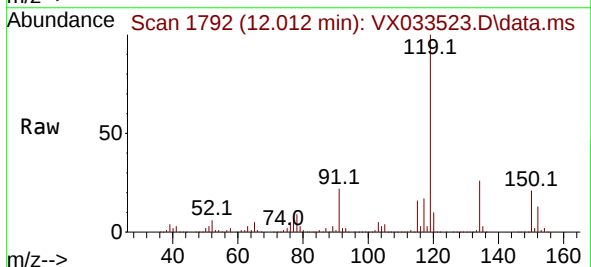
Tgt Ion:105 Resp: 433390
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7

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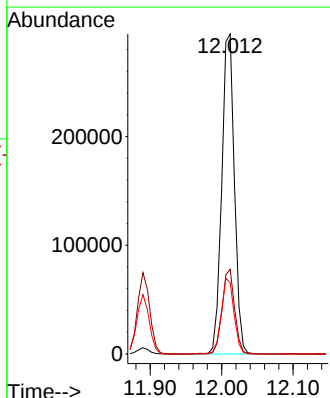
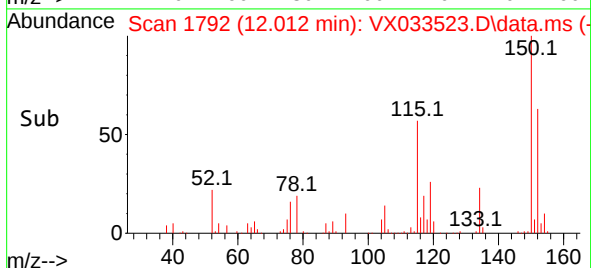
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

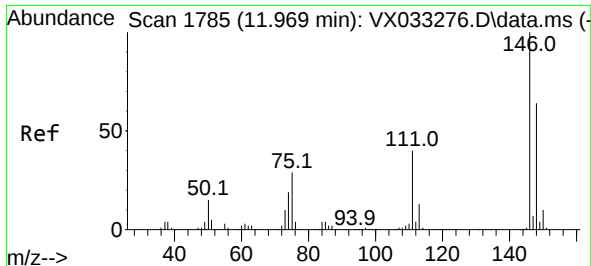


#86
 p-Isopropyltoluene
 Concen: 54.670 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033523.D
 Acq: 21 Dec 2022 10:11



Tgt Ion:119 Resp: 362768
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 23.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.829 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 192040

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

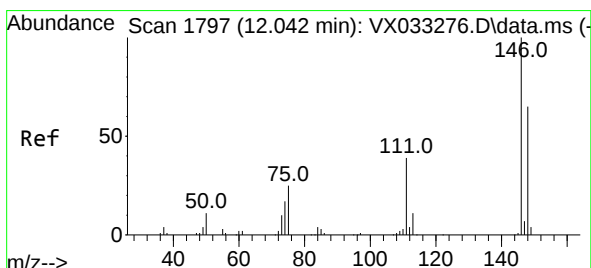
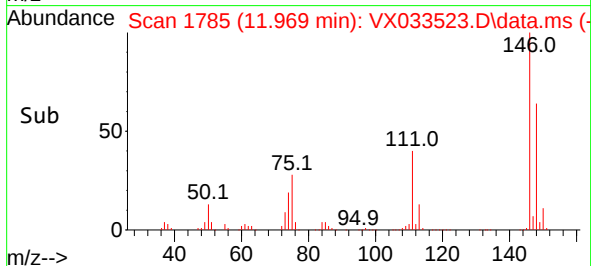
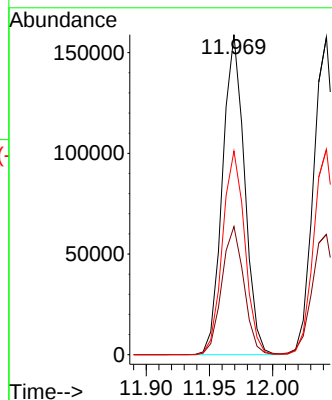
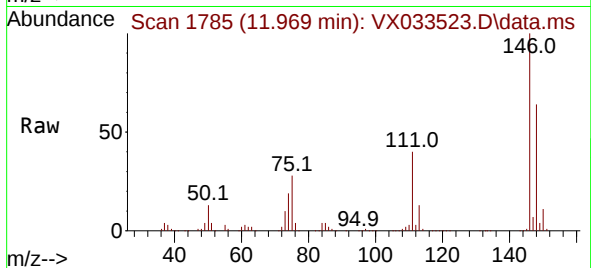
148 64.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#88

1,4-Dichlorobenzene

Concen: 52.282 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

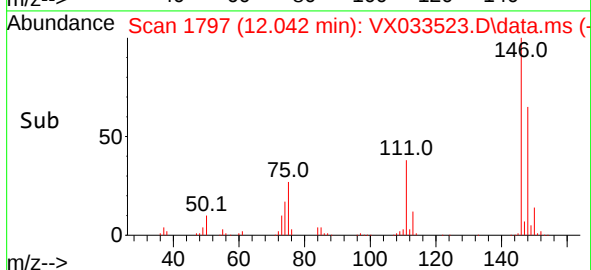
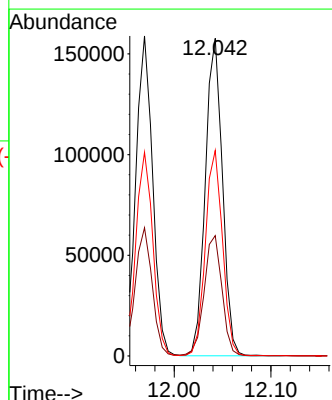
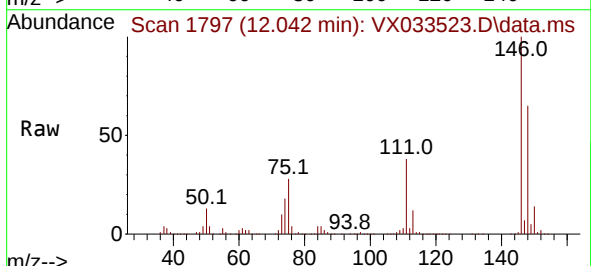
Tgt Ion:146 Resp: 194130

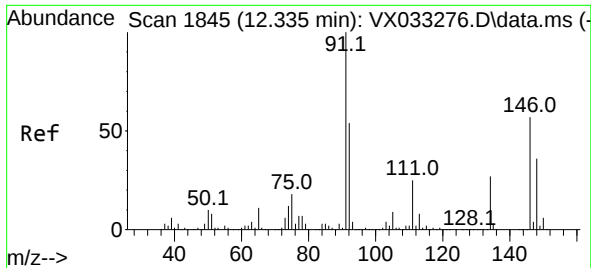
Ion Ratio Lower Upper

146 100

111 39.5 20.5 61.6

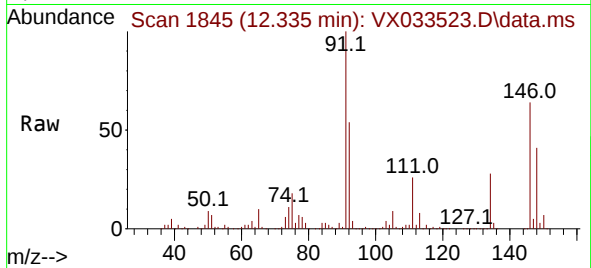
148 64.8 32.2 96.6





#89
n-Butylbenzene
Concen: 56.346 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

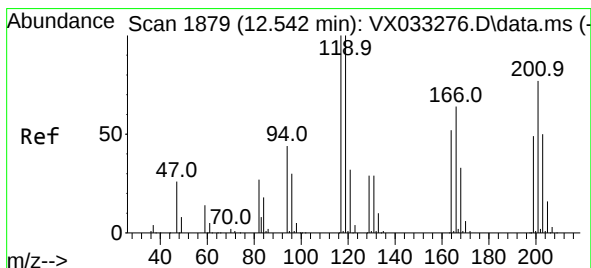
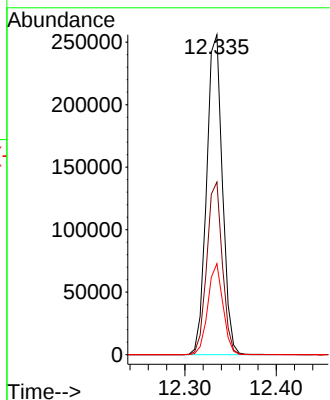
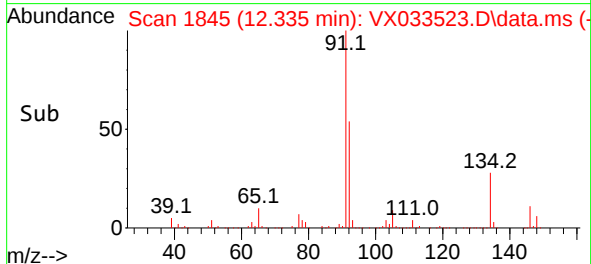
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 306229
Ion Ratio Lower Upper
91 100
92 53.2 26.2 78.6
134 27.3 12.9 38.6

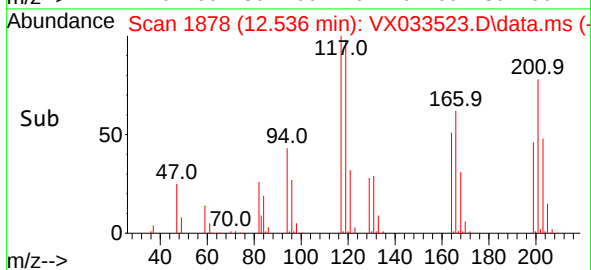
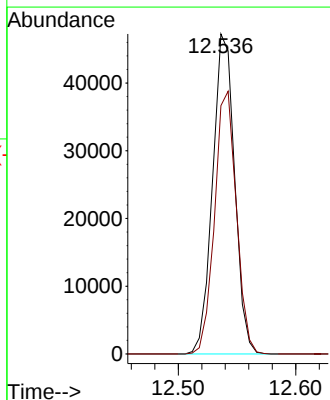
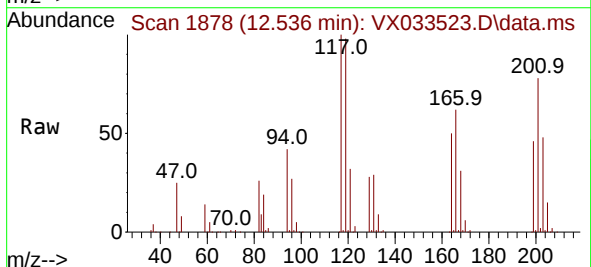
Manual Integrations
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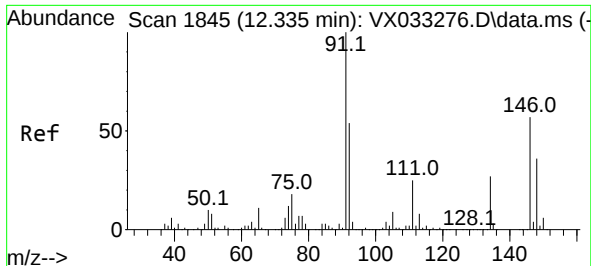
Reviewed By :John Carbone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 54.510 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

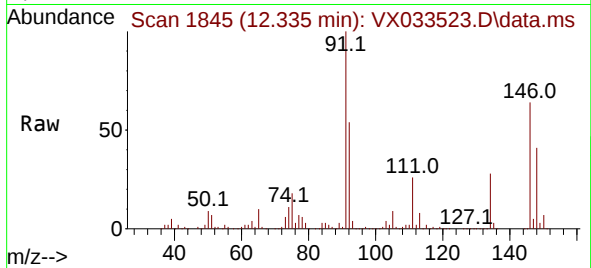
Tgt Ion:117 Resp: 61482
Ion Ratio Lower Upper
117 100
201 81.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 54.090 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

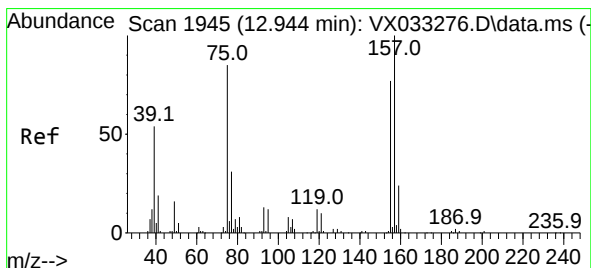
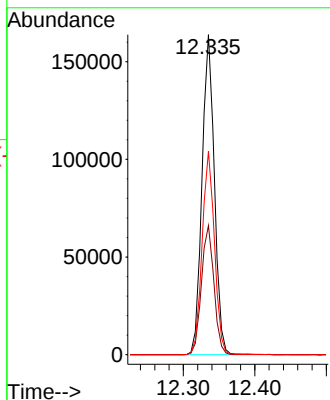
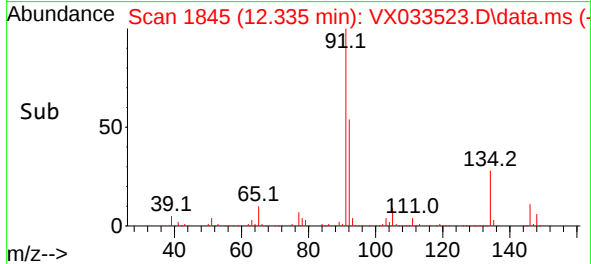
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



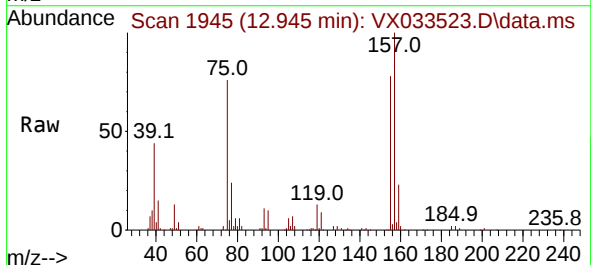
Tgt Ion:146 Resp: 196584
Ion Ratio Lower Upper
146 100
111 40.7 21.5 64.5
148 63.5 32.0 96.2

Manual Integrations
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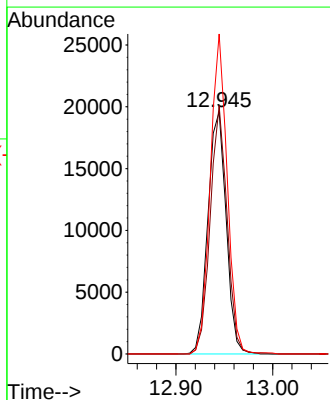
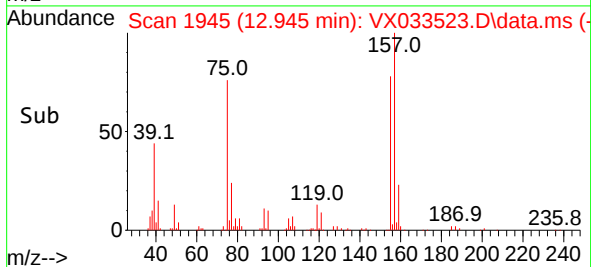
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

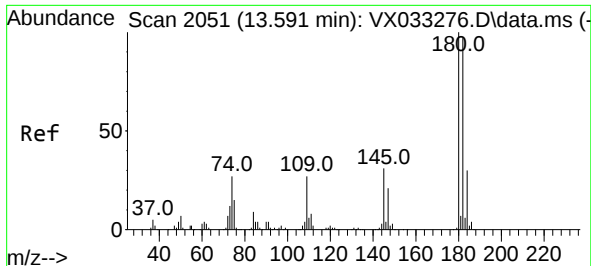


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.169 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11



Tgt Ion: 75 Resp: 25687
Ion Ratio Lower Upper
75 100
155 95.1 41.6 124.8
157 122.7 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 55.276 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 121329

Ion Ratio Lower Upper

180 100

182 95.7 48.4 145.0

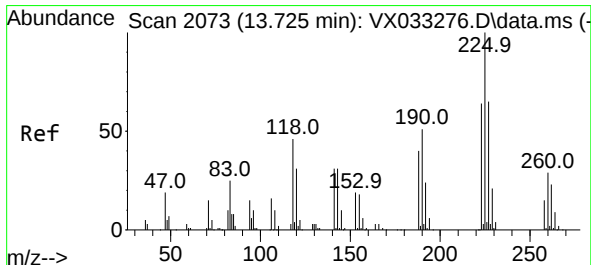
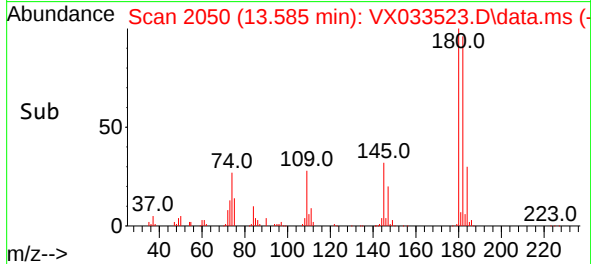
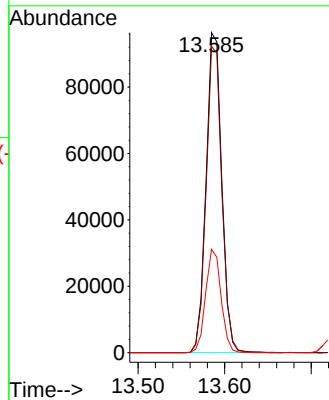
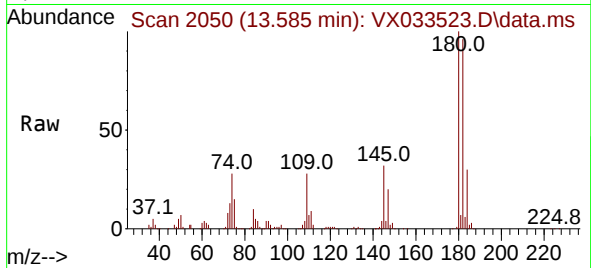
145 31.8 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#94

Hexachlorobutadiene

Concen: 60.673 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033523.D

Acq: 21 Dec 2022 10:11

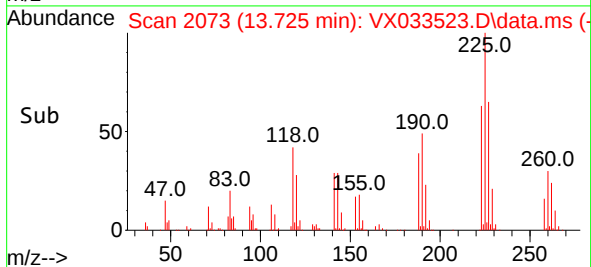
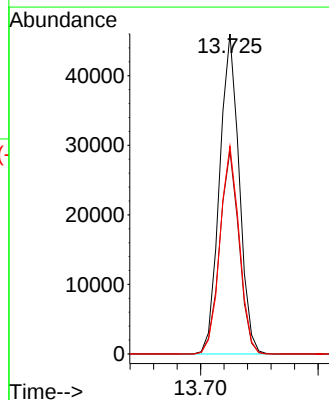
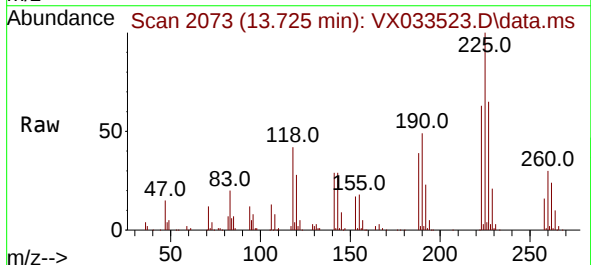
Tgt Ion:225 Resp: 53329

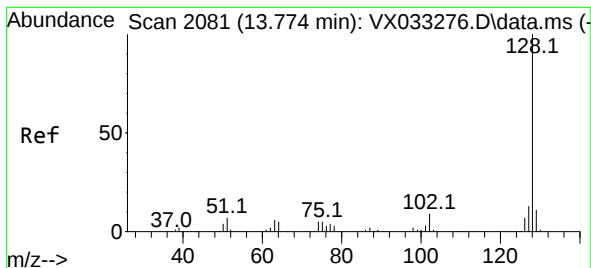
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

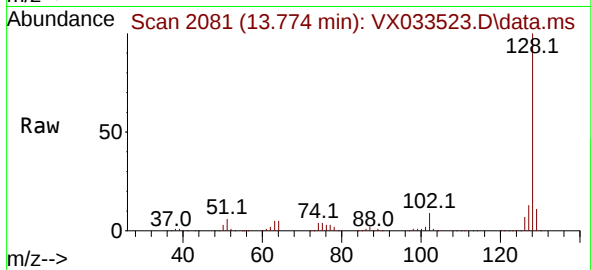
227 63.8 31.9 95.5





#95
Naphthalene
Concen: 54.982 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11

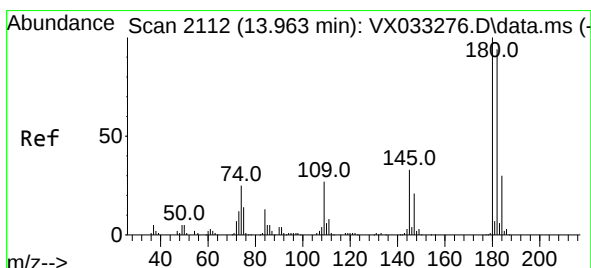
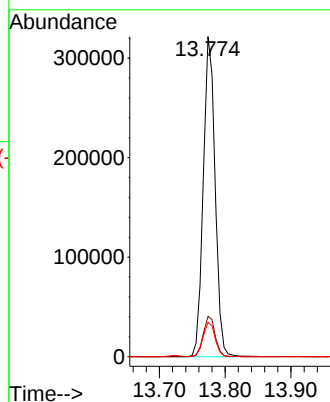
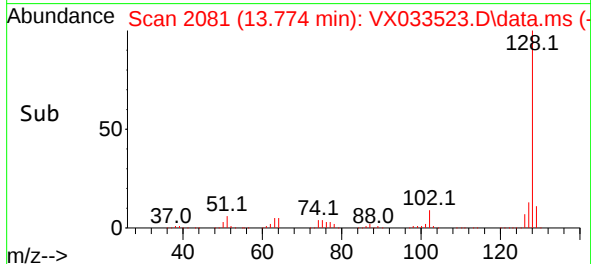
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



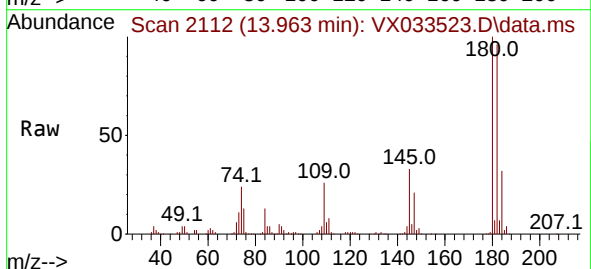
Tgt Ion:128 Resp: 40255
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.704 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033523.D
Acq: 21 Dec 2022 10:11



Tgt Ion:180 Resp: 121610
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 34.2 16.9 50.6

