

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033469.D
 Acq On : 16 Dec 2022 18:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:12:45 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	5.556	168	110879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37475	52.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.360%			
35) Dibromofluoromethane	5.391	113	43430	50.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	8.647	98	91117	50.307	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	74334	53.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30807	39.774	ug/l	97
3) Chloromethane	1.294	50	39320	43.906	ug/l	99
4) Vinyl Chloride	1.374	62	42512	41.575	ug/l	99
5) Bromomethane	1.618	94	33801	45.044	ug/l	99
6) Chloroethane	1.691	64	37584	48.457	ug/l	97
7) Trichlorofluoromethane	1.886	101	60686	31.612	ug/l	98
8) Diethyl Ether	2.136	74	28171	40.628	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46030	45.201	ug/l	99
10) Methyl Iodide	2.453	142	63796	57.200	ug/l	97
11) Tert butyl alcohol	2.983	59	59179	272.118	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	47404	47.158	ug/l	98
13) Acrolein	2.239	56	57085	242.025	ug/l	100
14) Allyl chloride	2.666	41	82457	51.366	ug/l	96
15) Acrylonitrile	3.062	53	150837	279.994	ug/l	98
16) Acetone	2.386	43	131312	249.471	ug/l	99
17) Carbon Disulfide	2.514	76	103240	40.017	ug/l	98
18) Methyl Acetate	2.703	43	87763	57.597	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	206425	59.285	ug/l	99
20) Methylene Chloride	2.794	84	61593	52.469	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	56673	51.540	ug/l	99
22) Diisopropyl ether	3.757	45	202850	58.980	ug/l	92
23) Vinyl Acetate	3.721	43	789547	295.767	ug/l	97
24) 1,1-Dichloroethane	3.611	63	107091	52.994	ug/l	99
25) 2-Butanone	4.562	43	207974	275.261	ug/l	100
26) 2,2-Dichloropropane	4.477	77	79951	53.800	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	73574	55.986	ug/l	95
28) Bromochloromethane	4.897	49	46880	55.419	ug/l	92
29) Tetrahydrofuran	5.007	42	138395	282.714	ug/l	98
30) Chloroform	5.093	83	127440	56.806	ug/l	99
31) Cyclohexane	5.471	56	72896	43.121	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	101675	52.675	ug/l	98
36) 1,1-Dichloropropene	5.696	75	76385	45.251	ug/l	99
37) Ethyl Acetate	4.708	43	82747	51.857	ug/l	100
38) Carbon Tetrachloride	5.684	117	84861	44.869	ug/l	98
39) Methylcyclohexane	7.379	83	72430	38.334	ug/l	98
40) Benzene	6.044	78	250825	50.962	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46434	52.809	ug/l	96
42) 1,2-Dichloroethane	6.086	62	102335	52.361	ug/l	97
43) Isopropyl Acetate	6.336	43	141195	54.994	ug/l	97
44) Trichloroethene	7.123	130	68096	50.182	ug/l	99
45) 1,2-Dichloropropane	7.434	63	65980	52.419	ug/l	99
46) Dibromomethane	7.580	93	51106	53.299	ug/l	98
47) Bromodichloromethane	7.824	83	100955	54.012	ug/l	99
48) Methyl methacrylate	7.690	41	71636	54.062	ug/l	92
49) 1,4-Dioxane	7.702	88	31267	1034.790	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	448909	276.487	ug/l	96
52) Toluene	8.720	92	170148	53.469	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104161	51.781	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112567	56.596	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	76015	56.827	ug/l	98
56) Ethyl methacrylate	9.116	69	110505	58.674	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	119819	55.759	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	247267	286.933	ug/l	97
59) 2-Hexanone	9.433	43	329253	275.181	ug/l	94
60) Dibromochloromethane	9.519	129	82402	55.911	ug/l	100
61) 1,2-Dibromoethane	9.610	107	80999	56.927	ug/l	100
64) Tetrachloroethene	9.275	164	54438	42.913	ug/l	98
65) Chlorobenzene	10.079	112	189997	50.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	74086	52.183	ug/l	99
67) Ethyl Benzene	10.195	91	322233	49.234	ug/l	99
68) m/p-Xylenes	10.299	106	254613	99.988	ug/l	97
69) o-Xylene	10.640	106	128474	51.043	ug/l	96
70) Styrene	10.653	104	218496	53.004	ug/l	97
71) Bromoform	10.799	173	58319	51.896	ug/l #	98
73) Isopropylbenzene	10.963	105	311844	47.105	ug/l	99
74) N-amyl acetate	10.841	43	124639	55.182	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	110829	52.770	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100205m	53.924	ug/l	
77) Bromobenzene	11.201	156	85549	51.174	ug/l	98
78) n-propylbenzene	11.305	91	345286	46.711	ug/l	98
79) 2-Chlorotoluene	11.366	91	221845	48.561	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	265769	48.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30317	50.750	ug/l	94
82) 4-Chlorotoluene	11.457	91	256813	48.345	ug/l	97
83) tert-Butylbenzene	11.713	119	259213	47.171	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	270981	49.262	ug/l	99
85) sec-Butylbenzene	11.890	105	283063	44.149	ug/l	99
86) p-Isopropyltoluene	12.012	119	244985	44.320	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	151202	49.930	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	153317	49.566	ug/l	99
89) n-Butylbenzene	12.335	91	194924	43.055	ug/l	99
90) Hexachloroethane	12.536	117	39643	42.192	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	153539	50.714	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22090	48.694	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	86223	47.156	ug/l	99
94) Hexachlorobutadiene	13.725	225	28666	39.151	ug/l	100
95) Naphthalene	13.774	128	318500	52.220	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87951	47.493	ug/l	98

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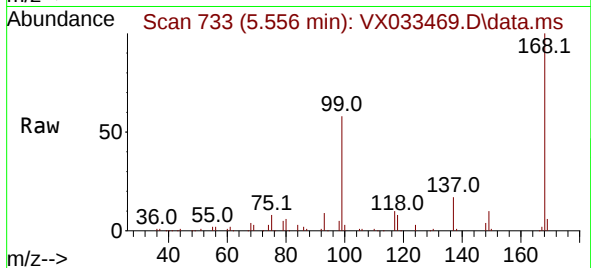
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

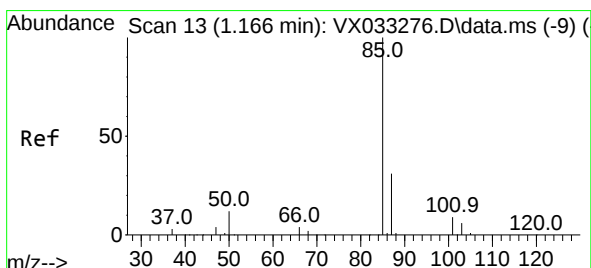
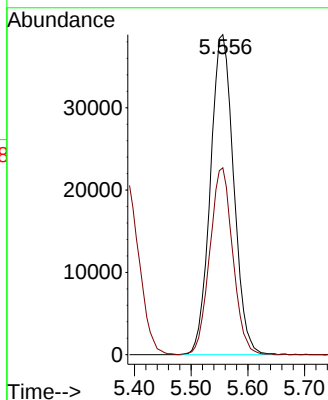
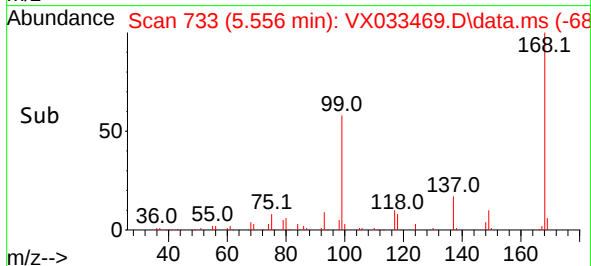
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 110879
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1

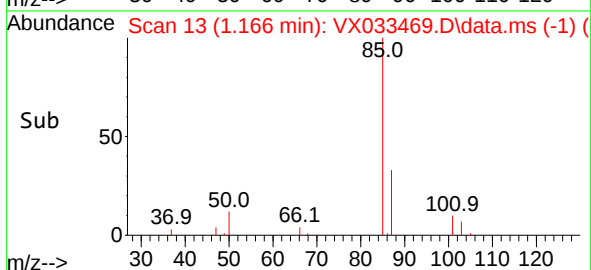
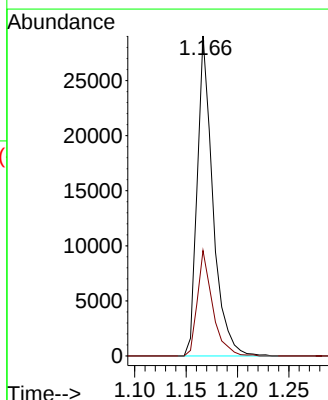
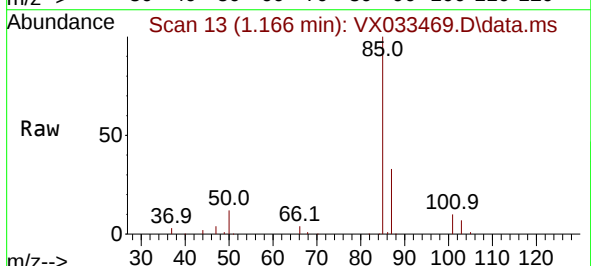
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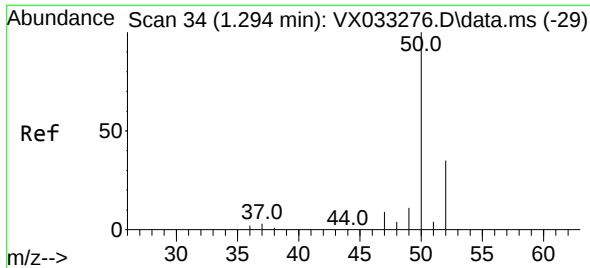
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 39.774 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 85 Resp: 30807
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.7





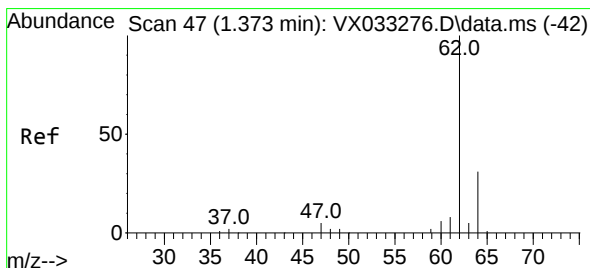
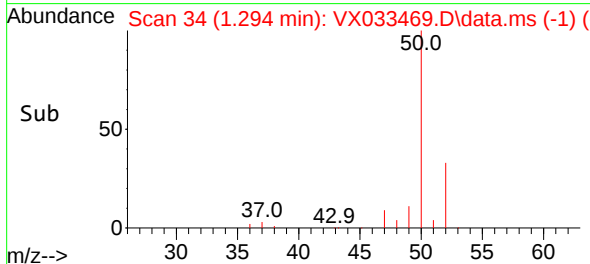
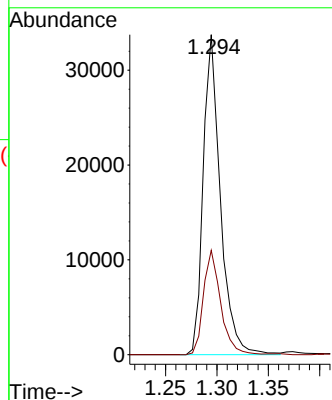
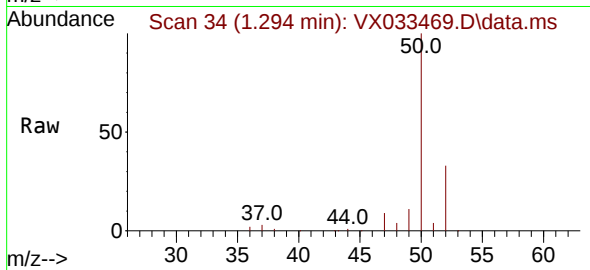
#3
Chloromethane
Concen: 43.906 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
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VSTDCCC050EC

Tgt Ion: 50 Resp: 39320
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

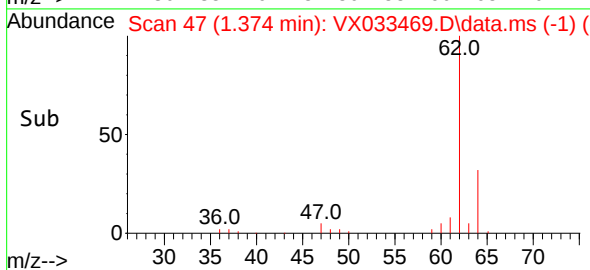
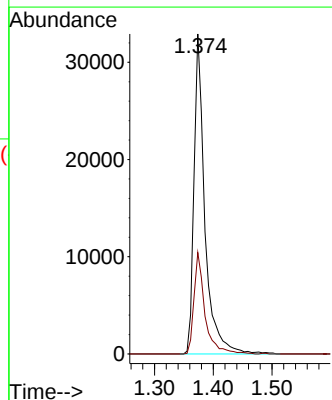
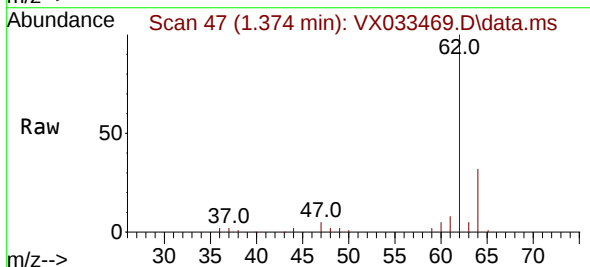
Manual Integrations
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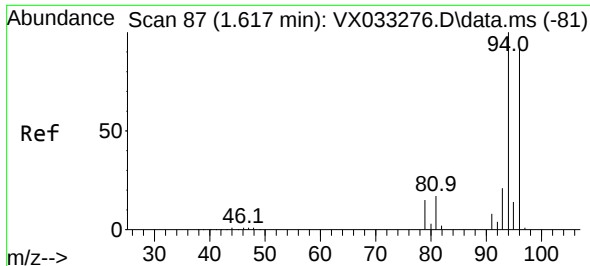
Reviewed By :John Carlone 12/19/2022
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#4
Vinyl Chloride
Concen: 41.575 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 62 Resp: 42512
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





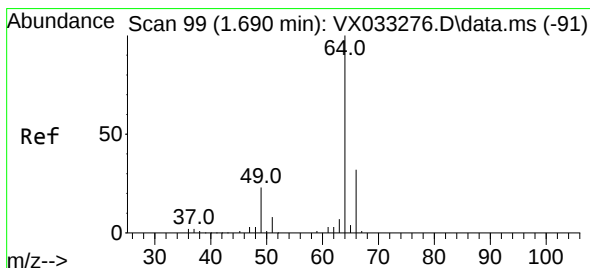
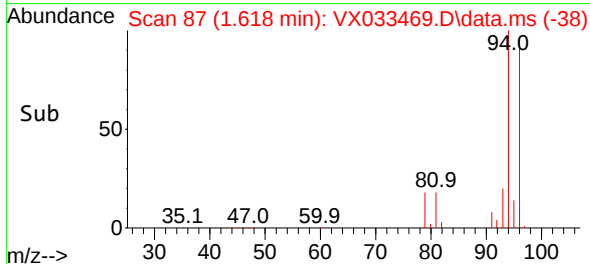
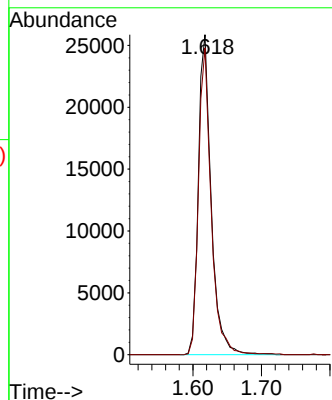
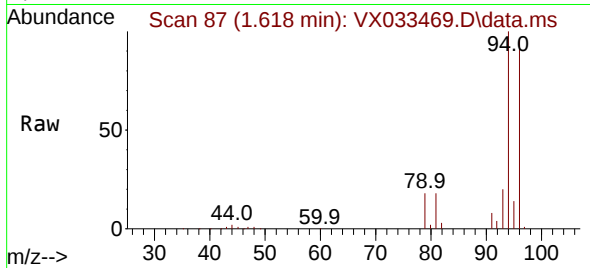
#5
Bromomethane
Concen: 45.044 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 3380
Ion Ratio Lower Upper
94 100
96 95.9 77.6 116.4

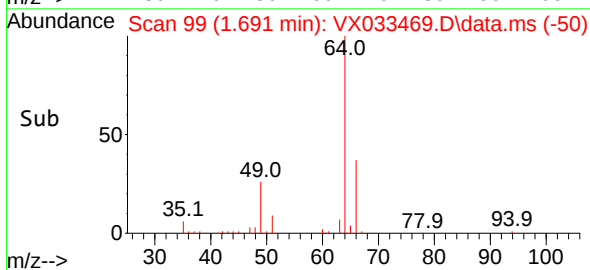
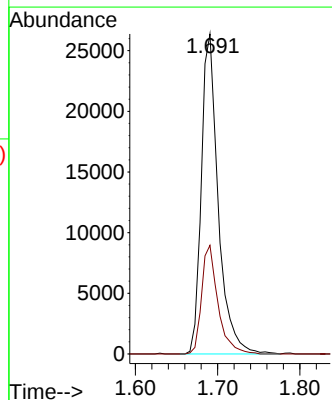
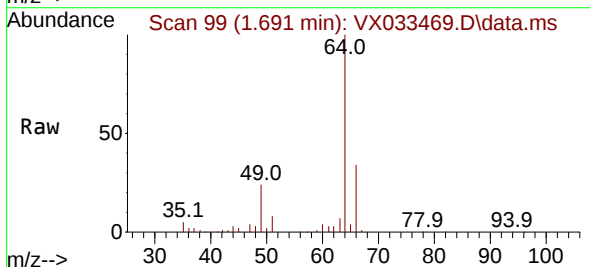
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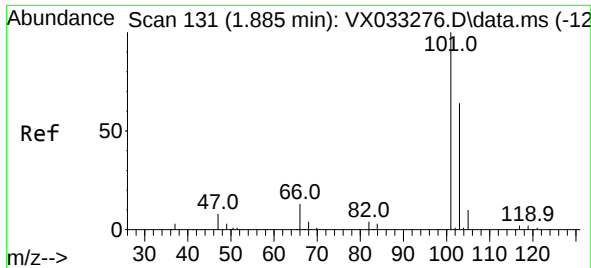
Reviewed By :John Carlone 12/19/2022
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#6
Chloroethane
Concen: 48.457 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

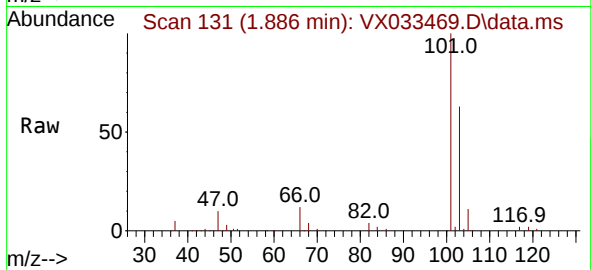
Tgt Ion: 64 Resp: 37584
Ion Ratio Lower Upper
64 100
66 33.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 31.612 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033469.D
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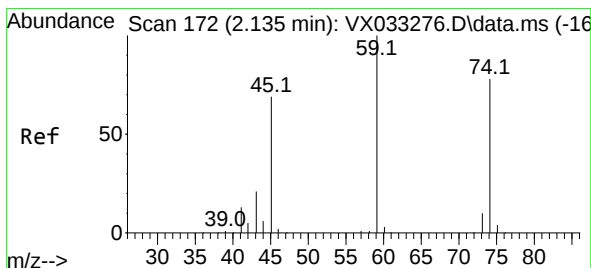
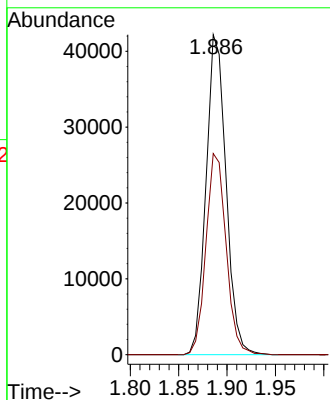
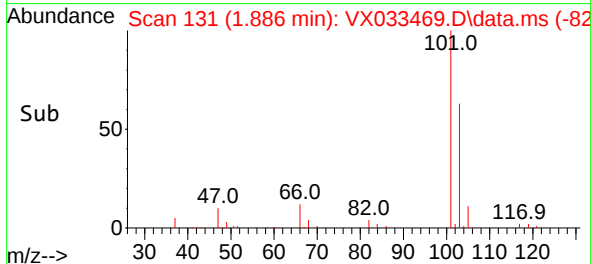
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 60680
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

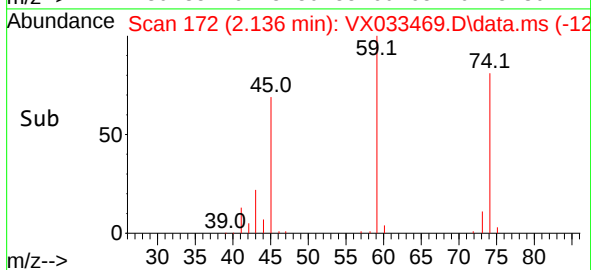
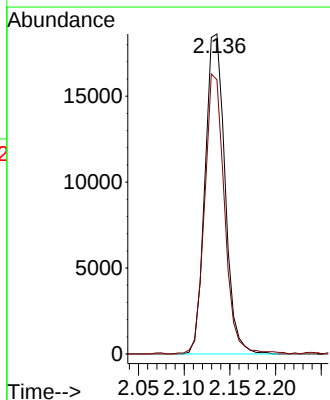
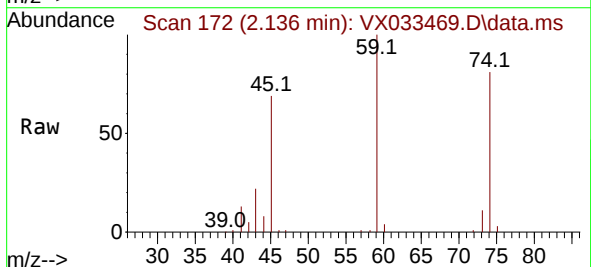
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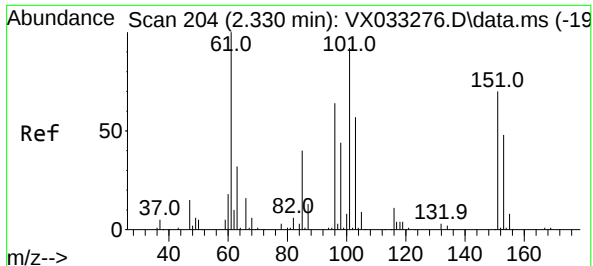
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#8
Diethyl Ether
Concen: 40.628 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 28171
Ion Ratio Lower Upper
74 100
45 87.2 46.6 139.7





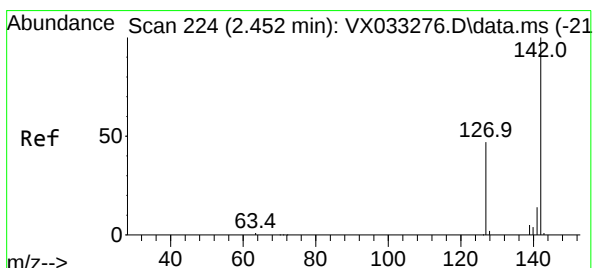
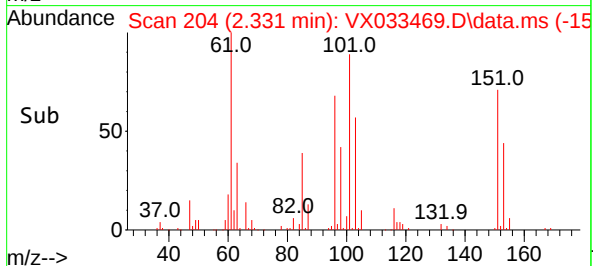
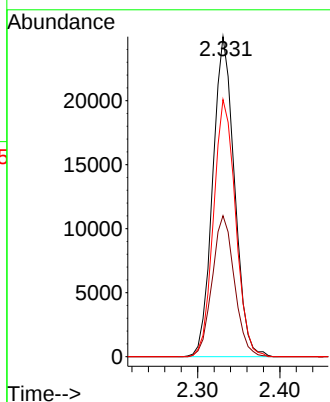
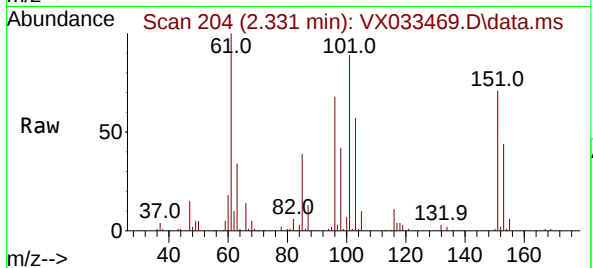
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.201 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 46030
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.4
151 81.2 64.4 96.6

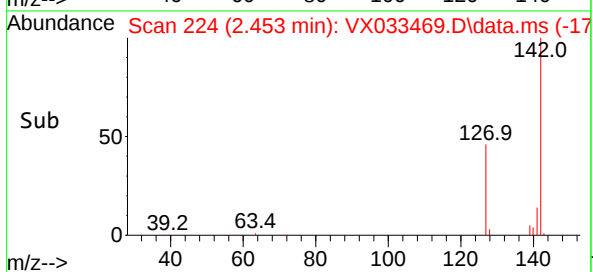
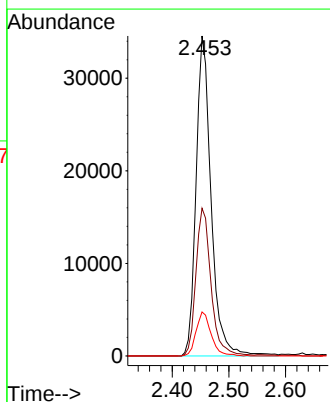
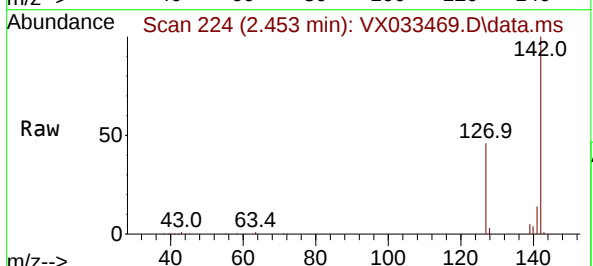
Manual Integrations
APPROVED

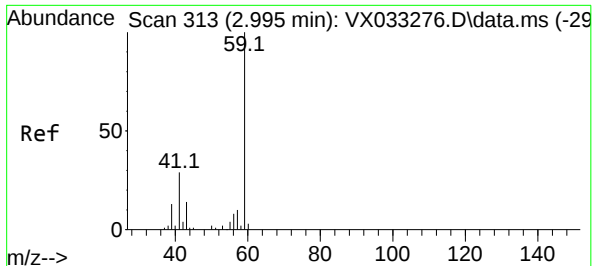
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 57.200 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion:142 Resp: 63796
Ion Ratio Lower Upper
142 100
127 46.3 38.6 57.8
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 272.118 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

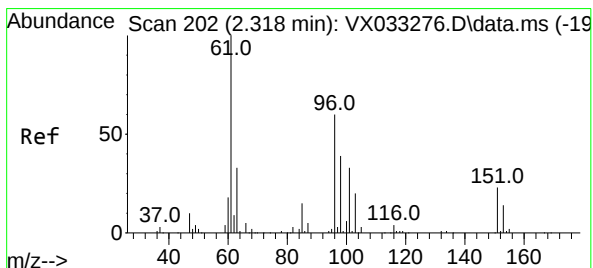
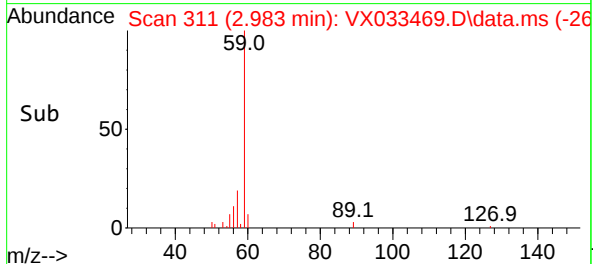
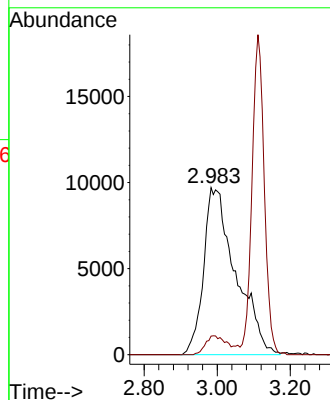
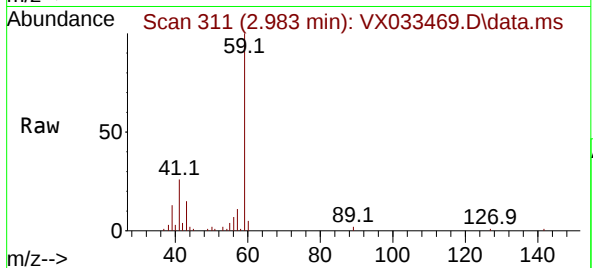
Tgt Ion: 59 Resp: 59179
 Ion Ratio Lower Upper
 59 100
 57 7.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#12

1,1-Dichloroethene

Concen: 47.158 ug/l

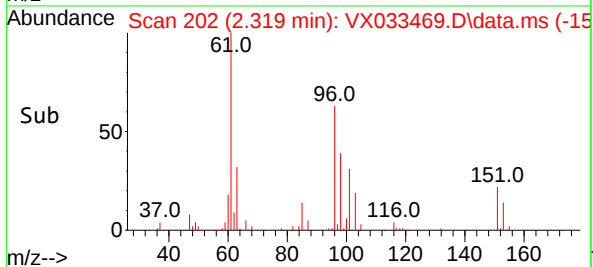
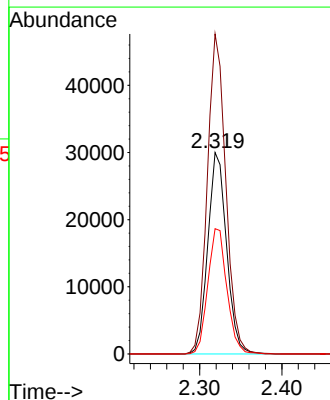
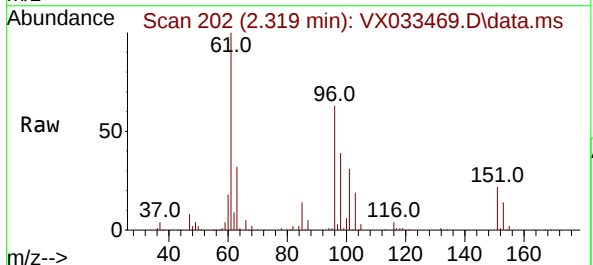
RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

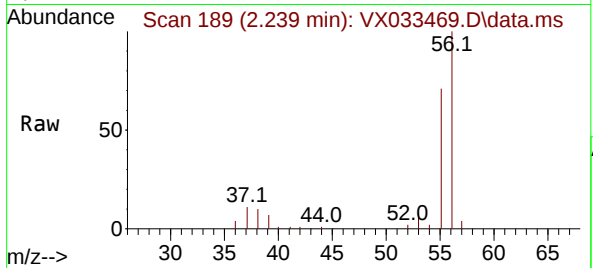
Tgt Ion: 96 Resp: 47404
 Ion Ratio Lower Upper
 96 100
 61 158.9 125.1 187.7
 98 62.2 50.6 76.0





#13
Acrolein
Concen: 242.025 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

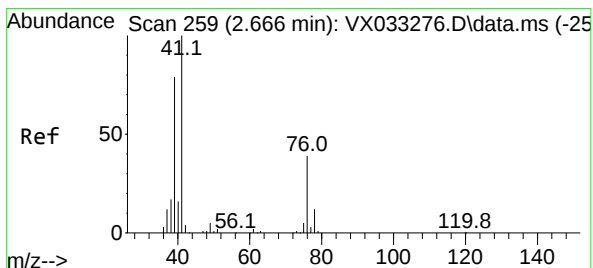
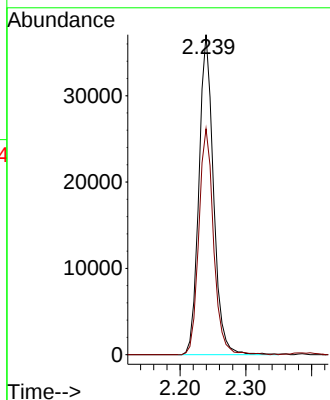
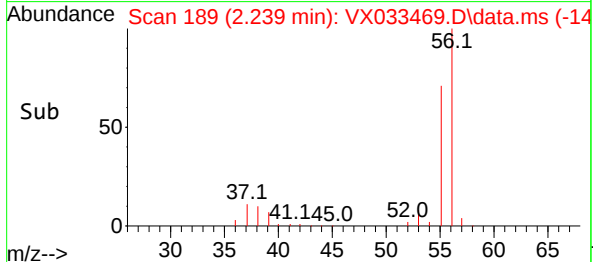
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 57085
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

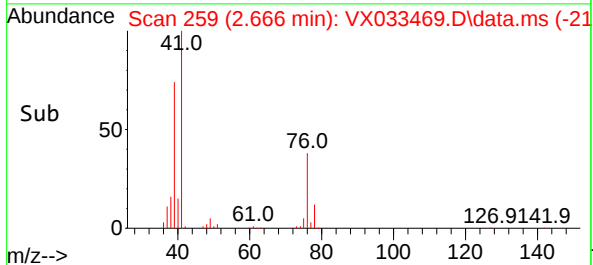
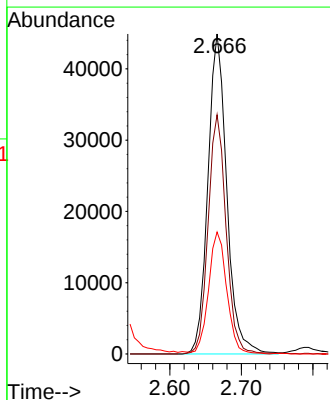
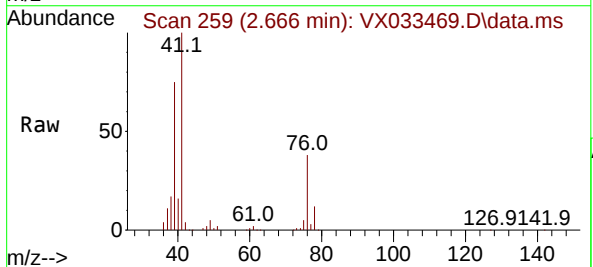
Manual Integrations
APPROVED

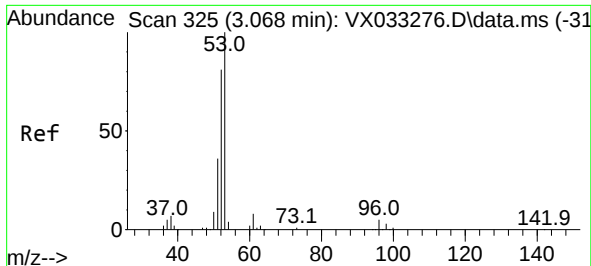
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#14
Allyl chloride
Concen: 51.366 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

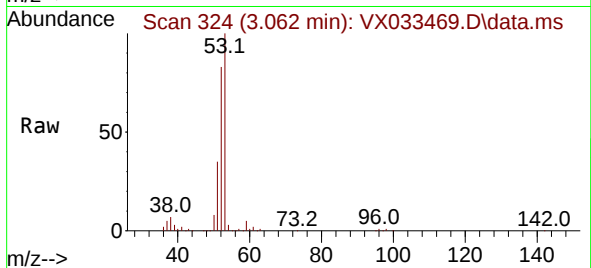
Tgt Ion: 41 Resp: 82457
Ion Ratio Lower Upper
41 100
39 71.2 61.4 92.2
76 36.6 29.2 43.8





#15
Acrylonitrile
Concen: 279.994 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

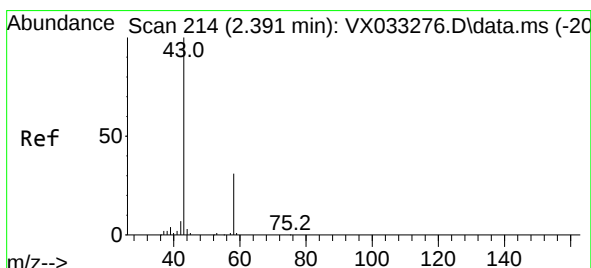
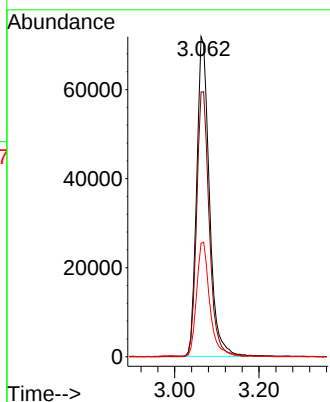
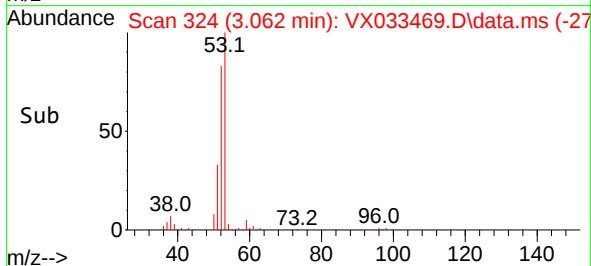
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 15083
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.0
51 36.8 30.3 45.5

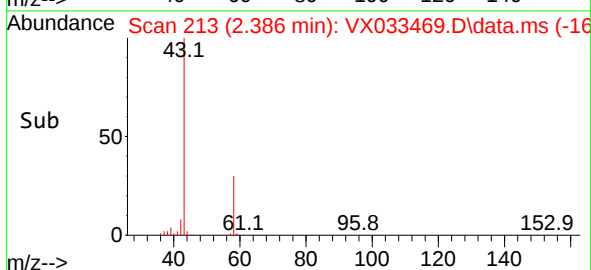
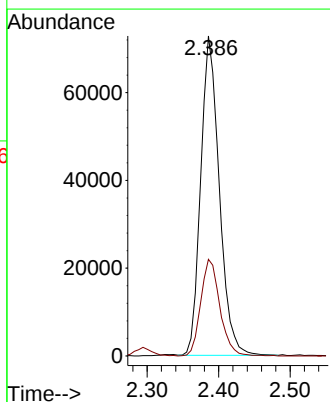
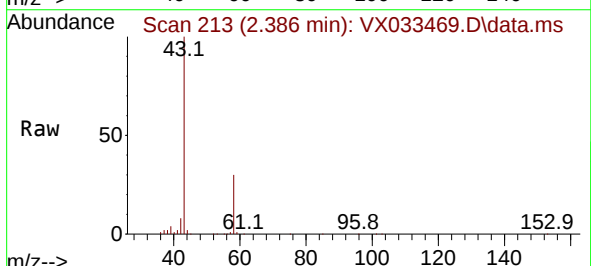
Manual Integrations
APPROVED

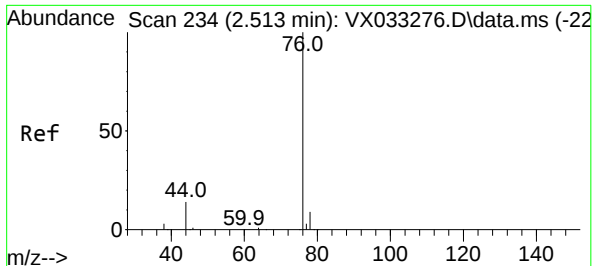
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 249.471 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 43 Resp: 131312
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8





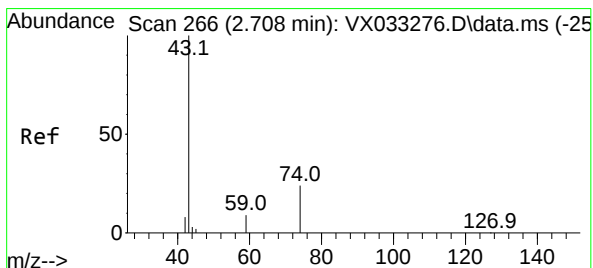
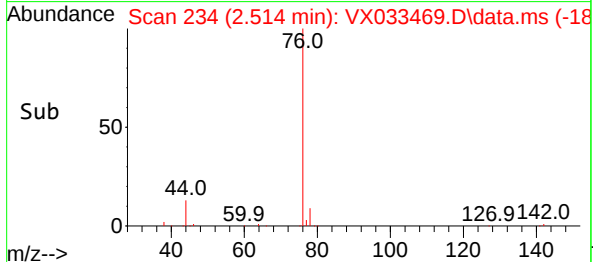
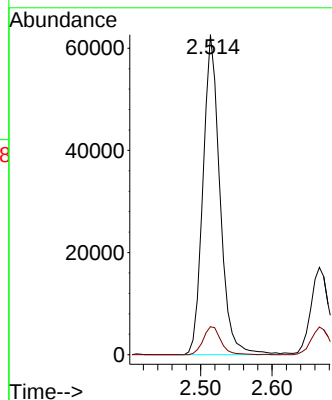
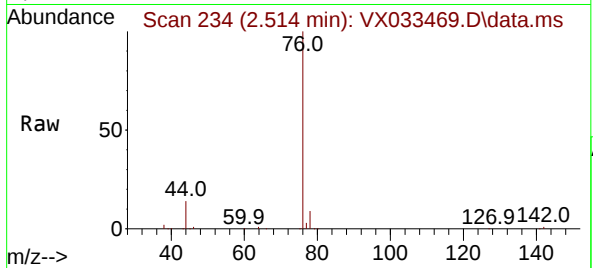
#17
Carbon Disulfide
Concen: 40.017 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 103240
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

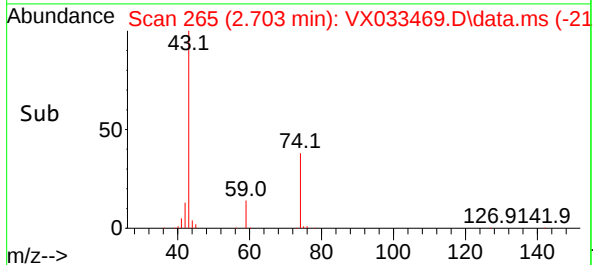
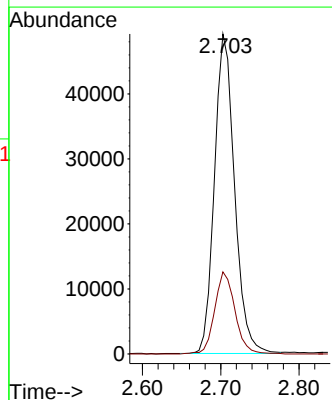
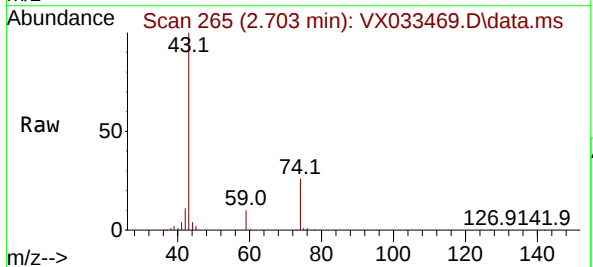
Manual Integrations
APPROVED

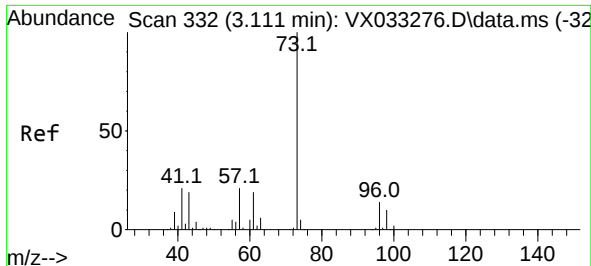
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 57.597 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

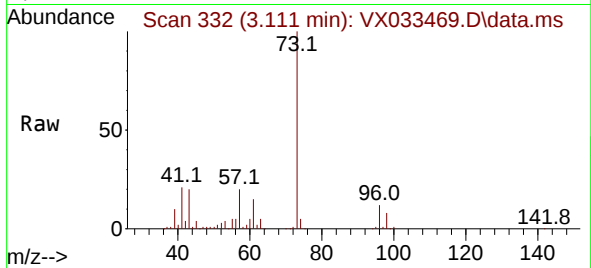
Tgt Ion: 43 Resp: 87763
Ion Ratio Lower Upper
43 100
74 25.9 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 59.285 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

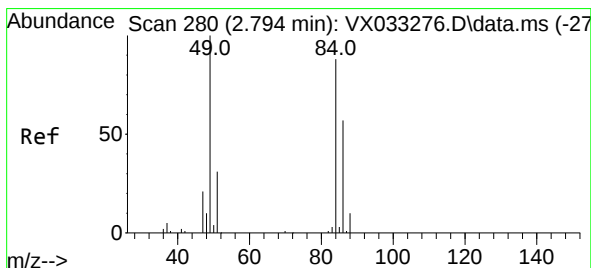
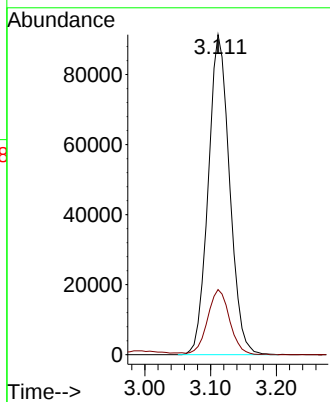
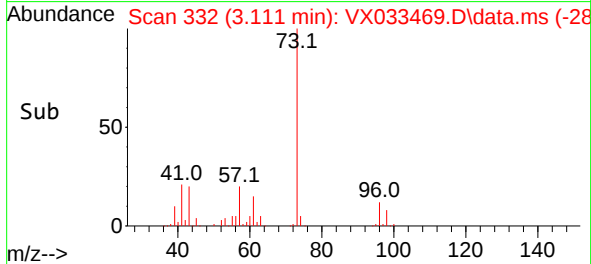
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



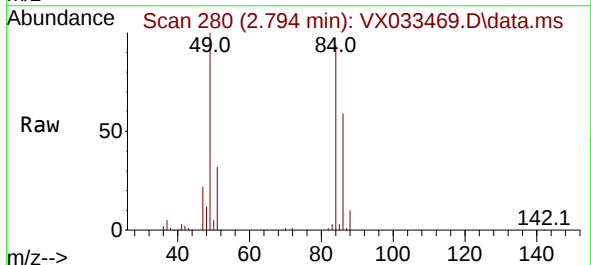
Tgt Ion: 73 Resp: 206425
Ion Ratio Lower Upper
73 100
57 20.3 16.6 25.0

Manual Integrations
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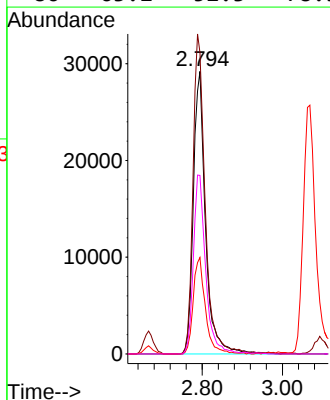
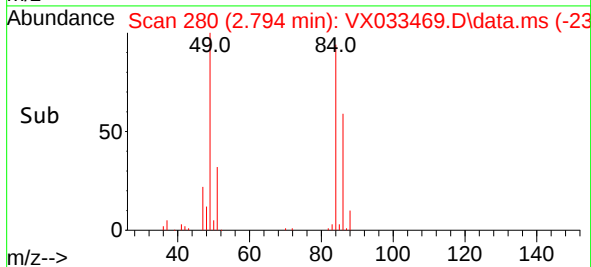
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

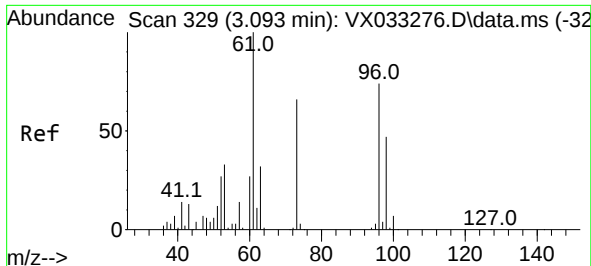


#20
Methylene Chloride
Concen: 52.469 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion: 84 Resp: 61593
Ion Ratio Lower Upper
84 100
49 106.6 101.0 151.6
51 34.1 31.1 46.7
86 63.2 52.3 78.5





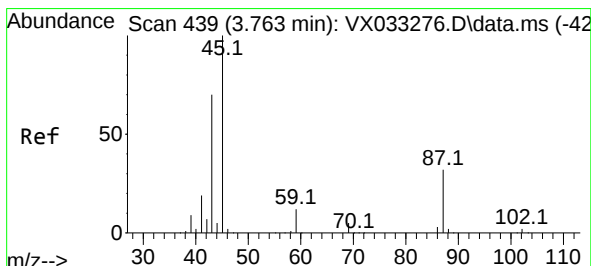
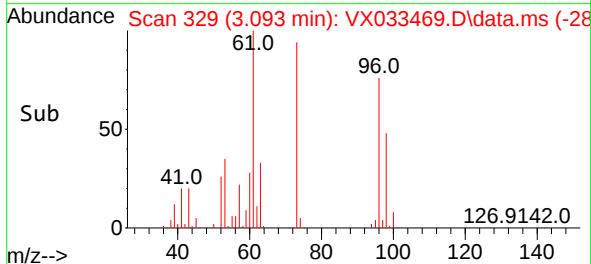
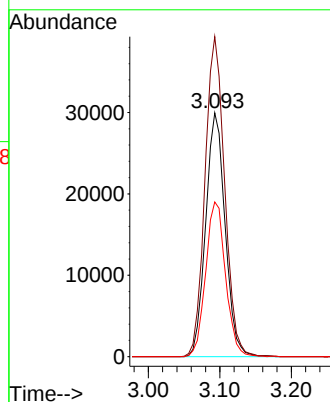
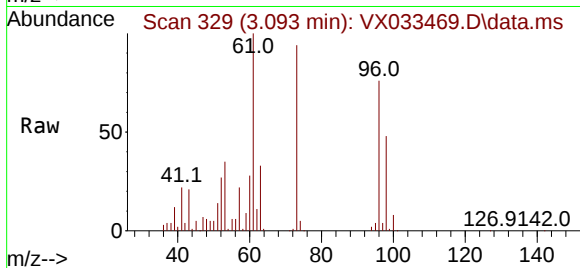
#21
trans-1,2-Dichloroethene
Concen: 51.540 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 5667
Ion Ratio Lower Upper
96 100
61 131.2 106.6 160.0
98 63.4 51.0 76.6

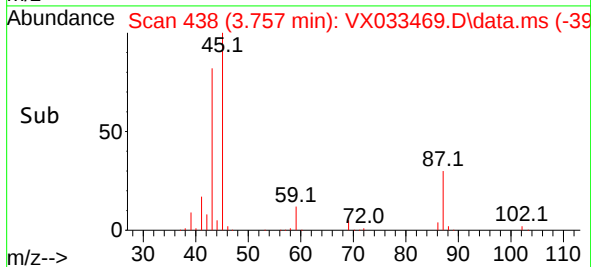
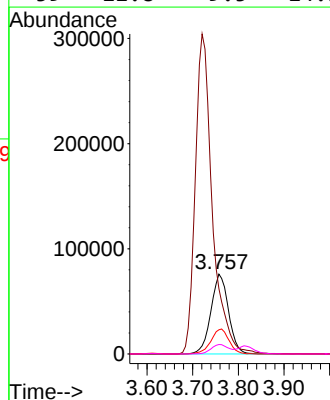
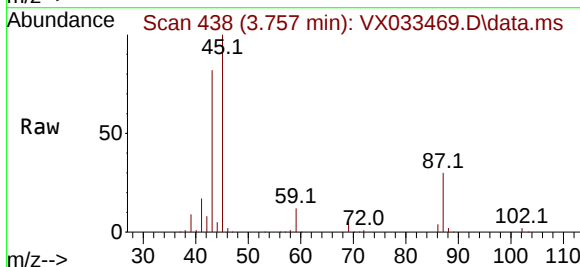
Manual Integrations
APPROVED

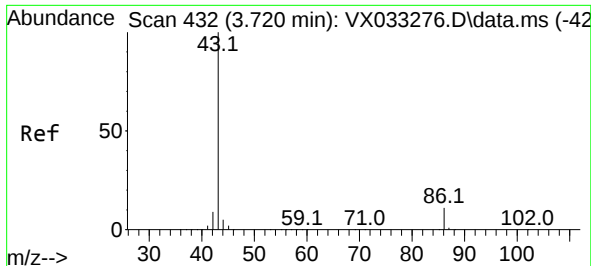
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#22
Diisopropyl ether
Concen: 58.980 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 45 Resp: 202850
Ion Ratio Lower Upper
45 100
43 81.5 56.4 84.6
87 30.2 24.4 36.6
59 11.8 9.5 14.3





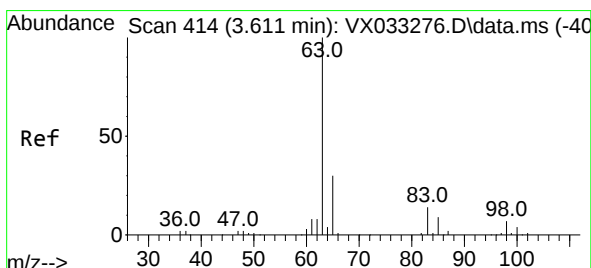
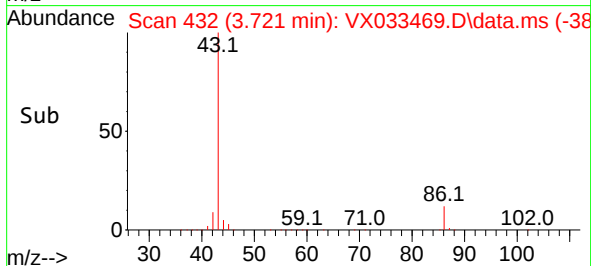
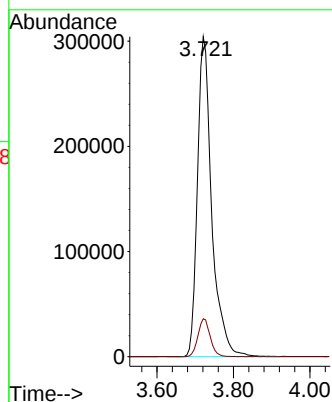
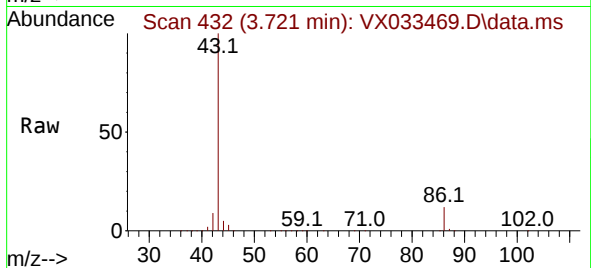
#23
 Vinyl Acetate
 Concen: 295.767 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033469.D
 Acq: 16 Dec 2022 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 78954
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

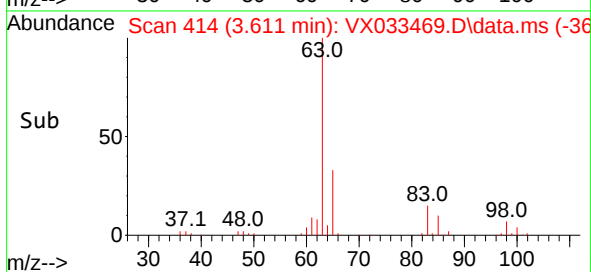
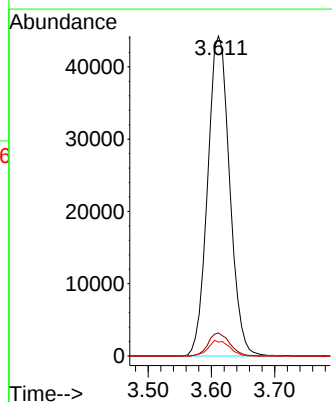
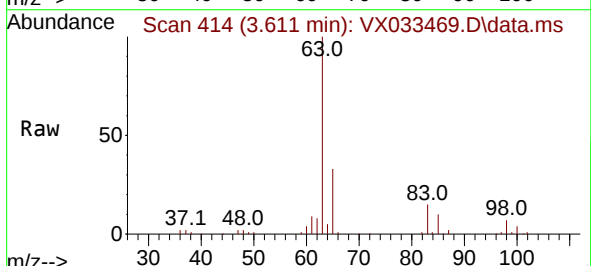
Manual Integrations
 APPROVED

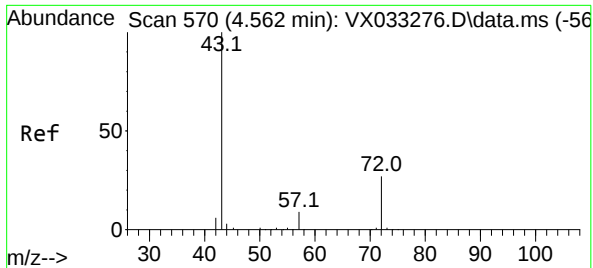
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#24
 1,1-Dichloroethane
 Concen: 52.994 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033469.D
 Acq: 16 Dec 2022 18:32

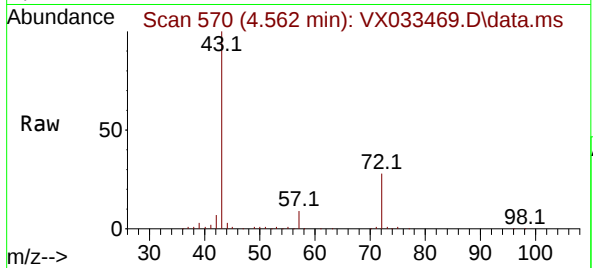
Tgt Ion: 63 Resp: 107091
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 275.261 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

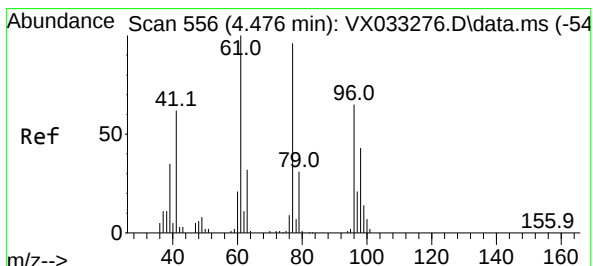
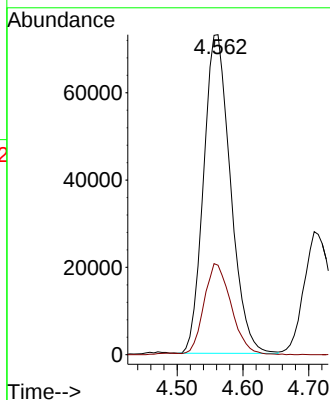
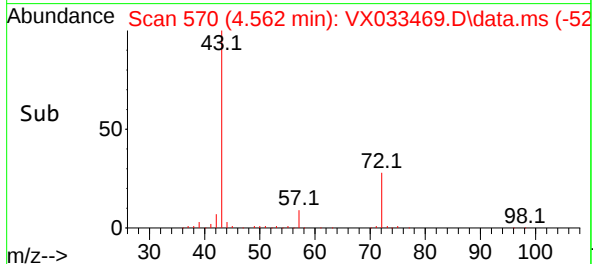
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 207974
Ion Ratio Lower Upper
43 100
72 27.9 22.2 33.2

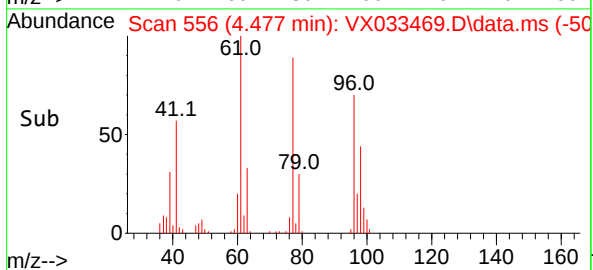
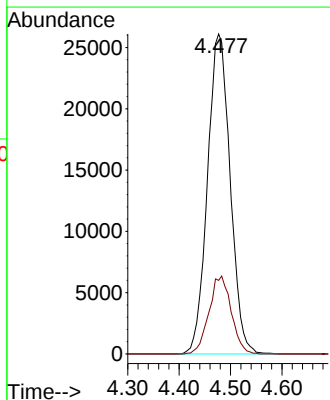
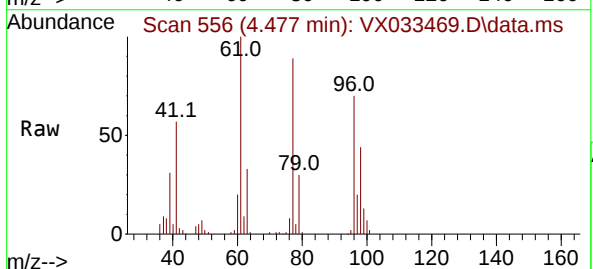
Manual Integrations
APPROVED

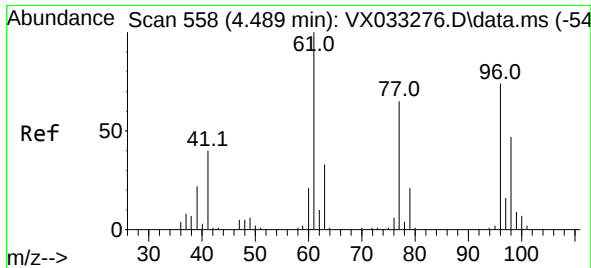
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#26
2,2-Dichloropropane
Concen: 53.800 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

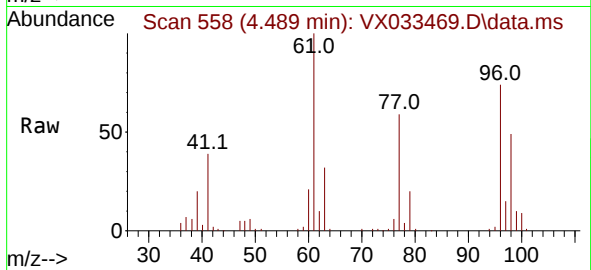
Tgt Ion: 77 Resp: 79951
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 55.986 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

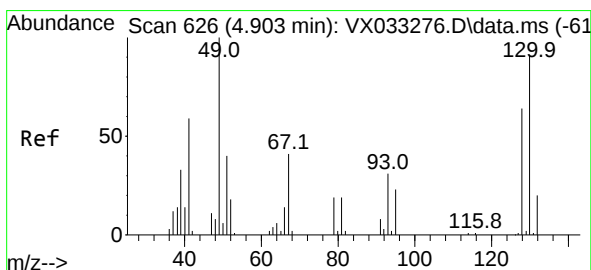
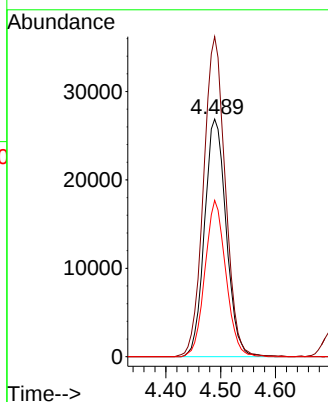
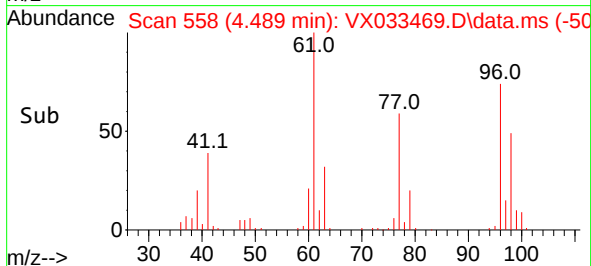
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 73574
Ion Ratio Lower Upper
96 100
61 135.5 0.0 286.0
98 63.6 0.0 129.6

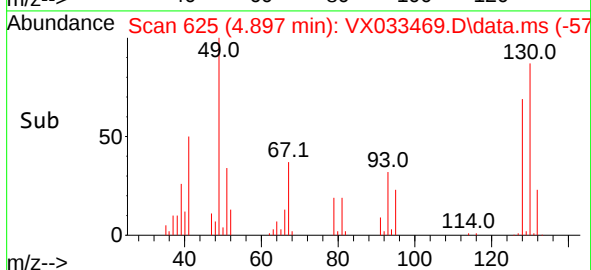
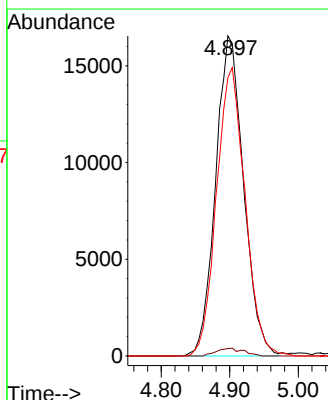
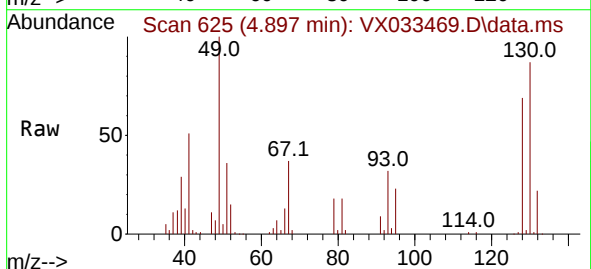
Manual Integrations
APPROVED

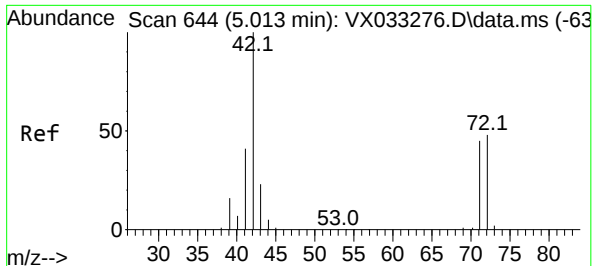
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#28
Bromochloromethane
Concen: 55.419 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 49 Resp: 46880
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 91.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 282.714 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 13839

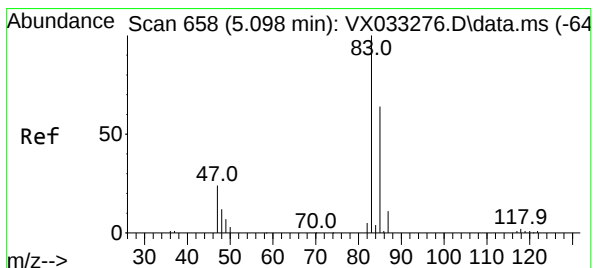
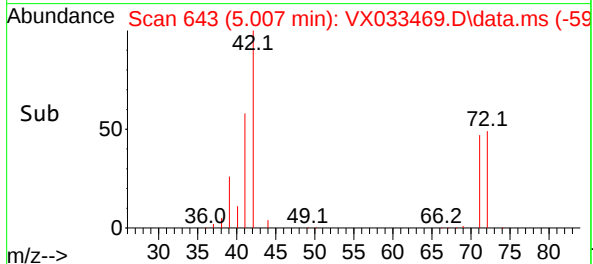
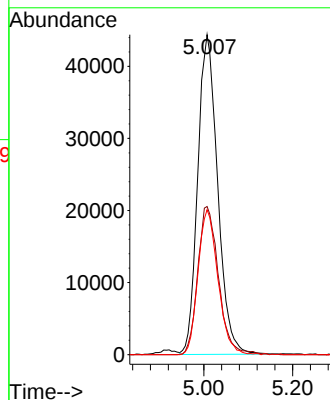
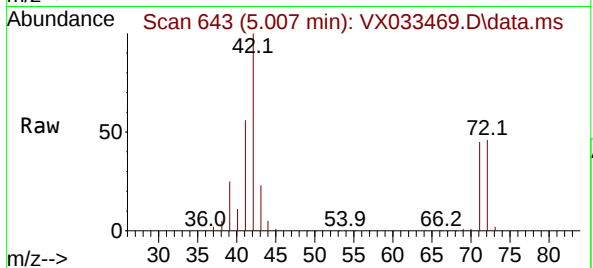
Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.6	56.4
71	45.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 56.806 ug/l

RT: 5.093 min Scan# 657

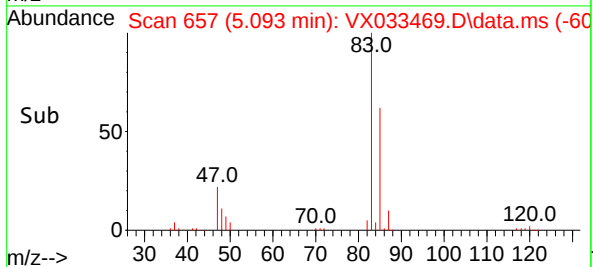
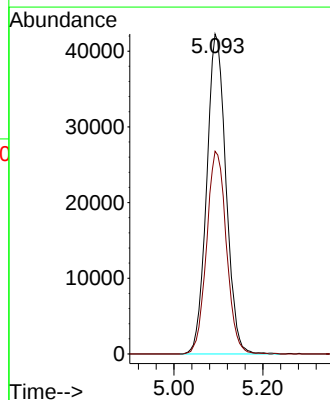
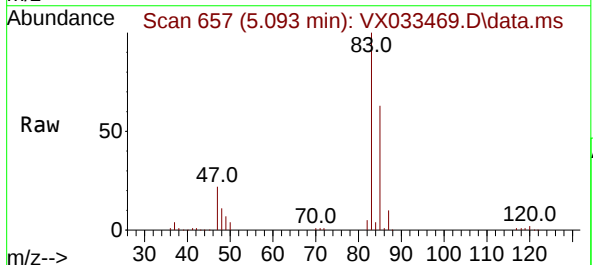
Delta R.T. -0.006 min

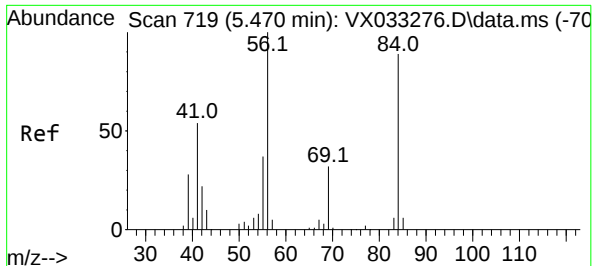
Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Tgt Ion: 83 Resp: 127440

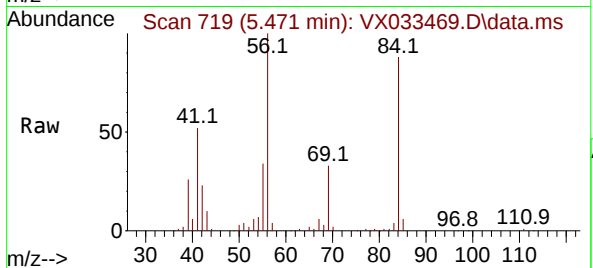
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7





#31
Cyclohexane
Concen: 43.121 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

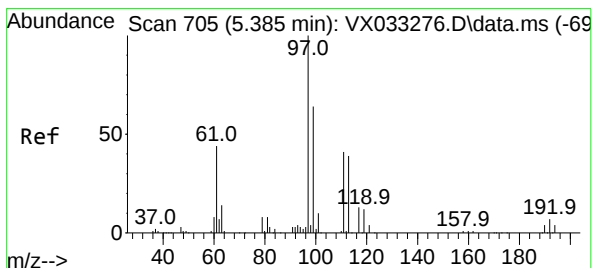
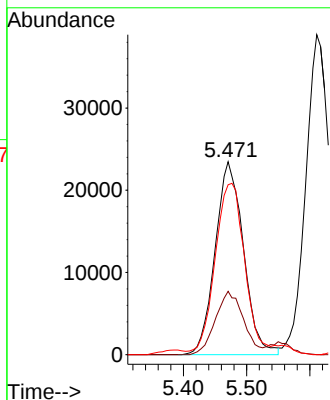
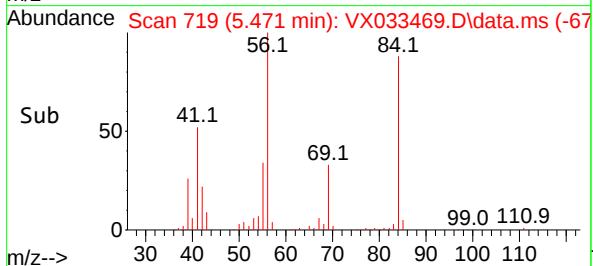
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



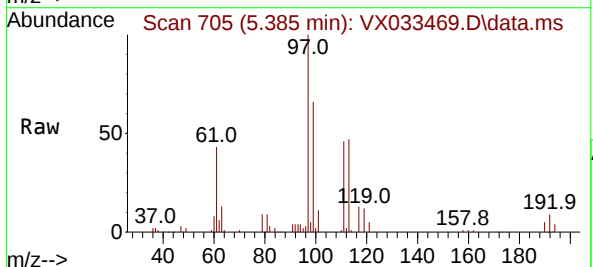
Tgt Ion: 56 Resp: 72890
Ion Ratio Lower Upper
56 100
69 32.9 24.1 36.1
84 85.6 66.9 100.3

Manual Integrations
APPROVED

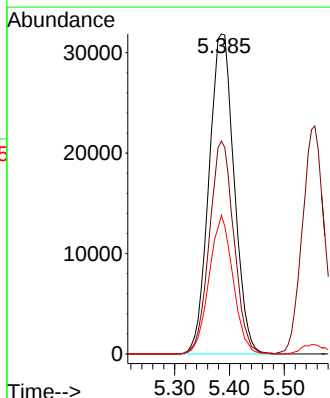
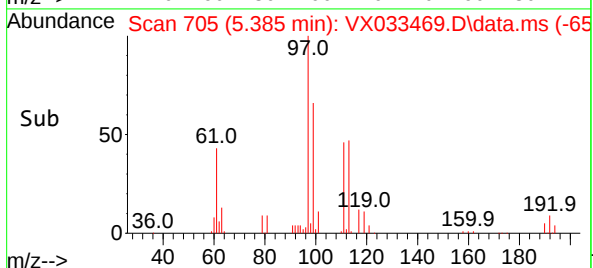
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

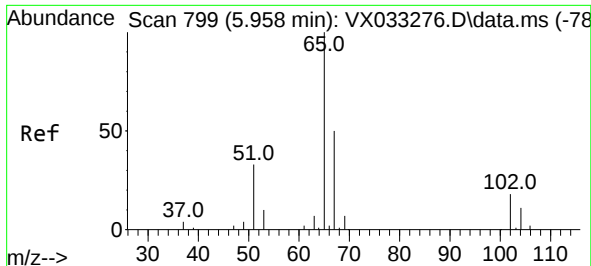


#32
1,1,1-Trichloroethane
Concen: 52.675 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion: 97 Resp: 101675
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 41.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.683 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 37475

Ion Ratio Lower Upper

65 100

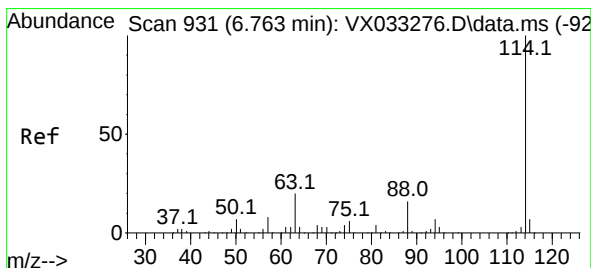
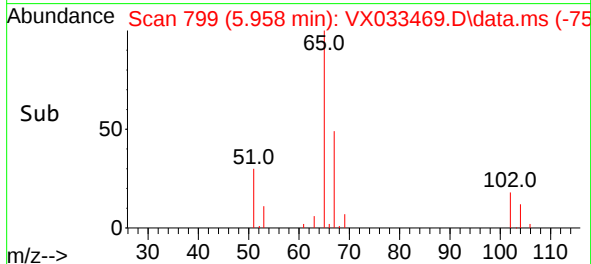
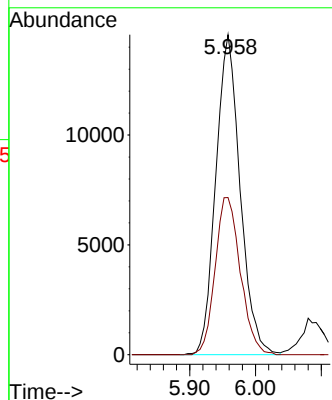
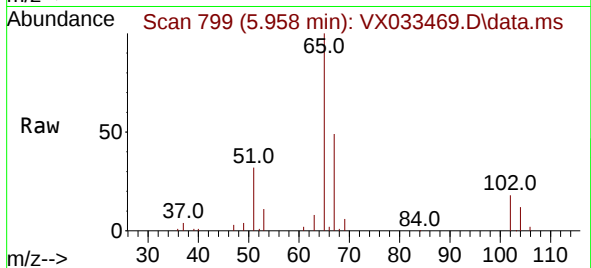
67 51.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

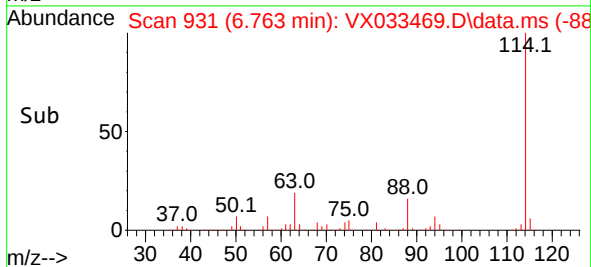
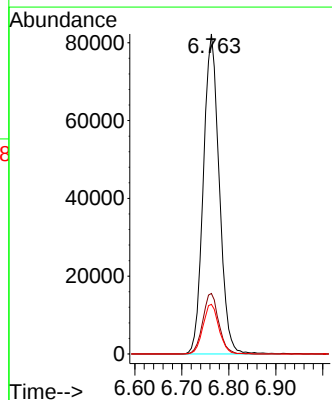
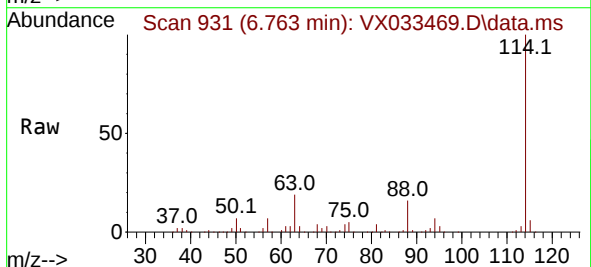
Tgt Ion:114 Resp: 192496

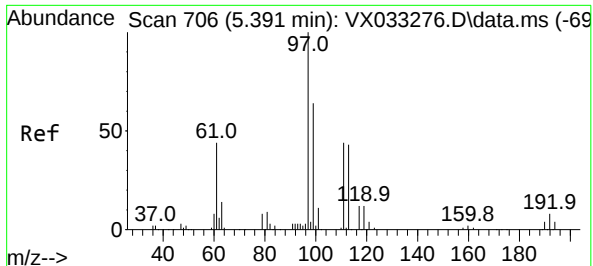
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.161 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033469.D

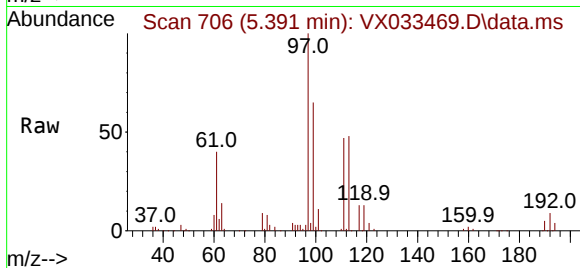
Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



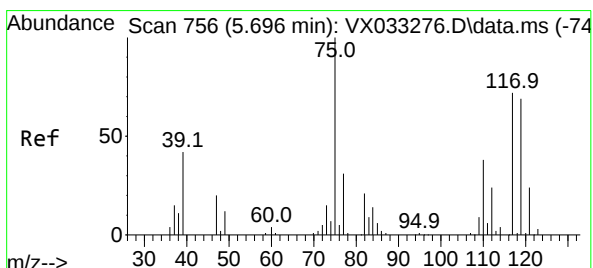
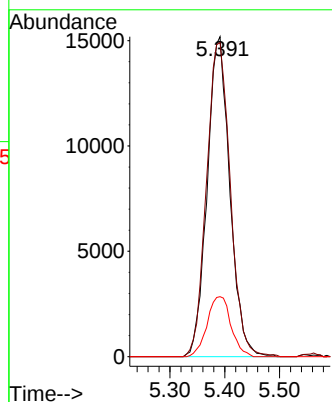
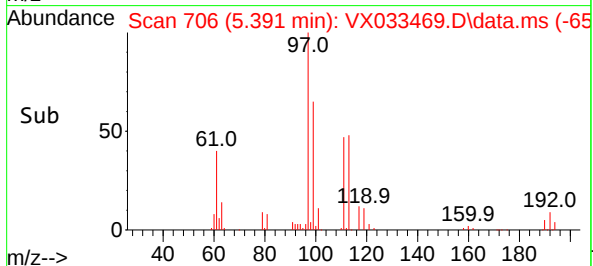
Tgt Ion:	113	Resp:	43430
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 45.251 ug/l

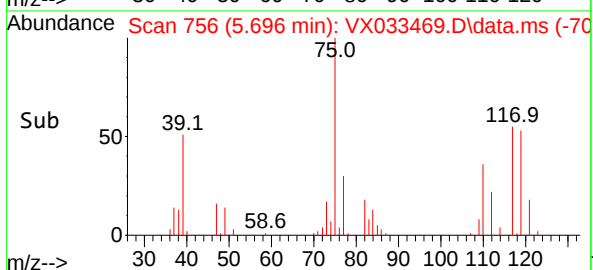
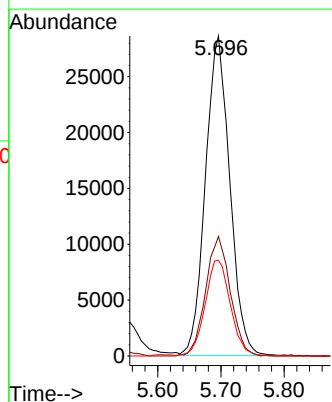
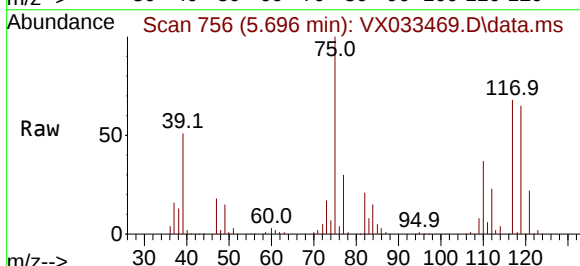
RT: 5.696 min Scan# 756

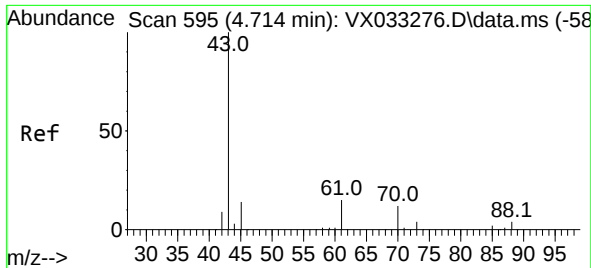
Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Tgt Ion:	75	Resp:	76385
Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.4	55.2
77	31.1	24.5	36.7





#37

Ethyl Acetate

Concen: 51.857 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

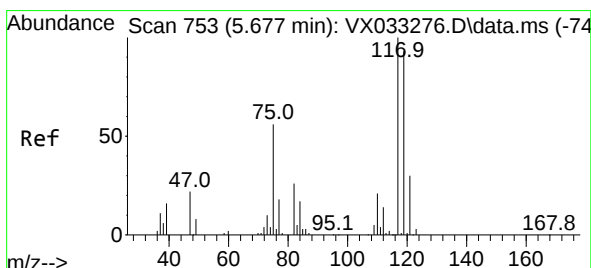
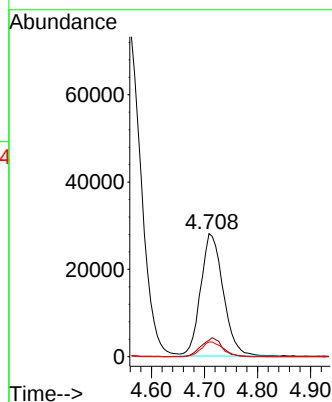
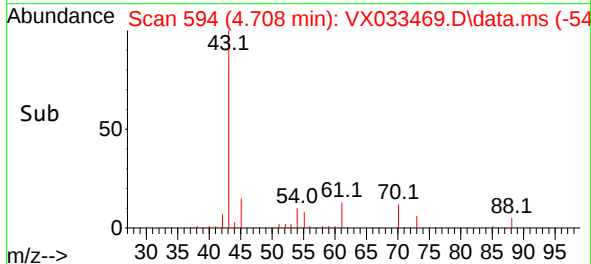
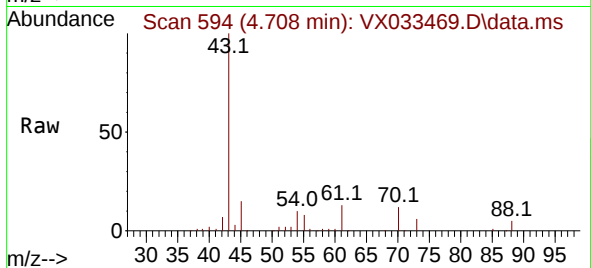
Tgt Ion:	43	Resp:	8274
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	11.5	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#38

Carbon Tetrachloride

Concen: 44.869 ug/l

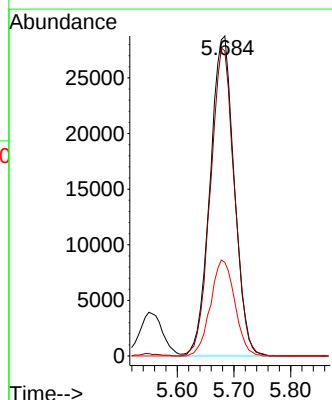
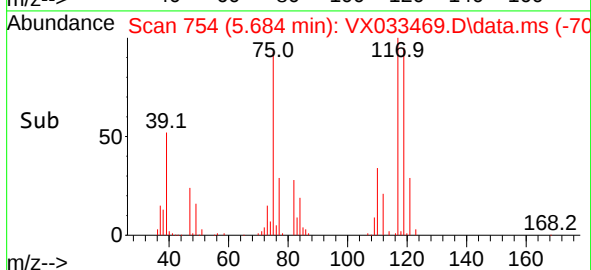
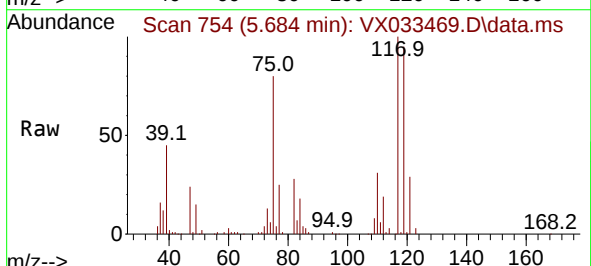
RT: 5.684 min Scan# 754

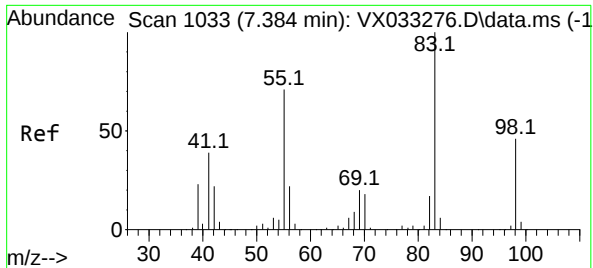
Delta R.T. 0.006 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Tgt Ion:	117	Resp:	84861
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.2	115.8
121	29.3	25.8	38.6





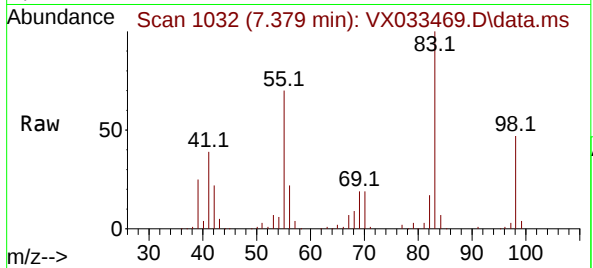
#39
Methylcyclohexane
Concen: 38.334 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



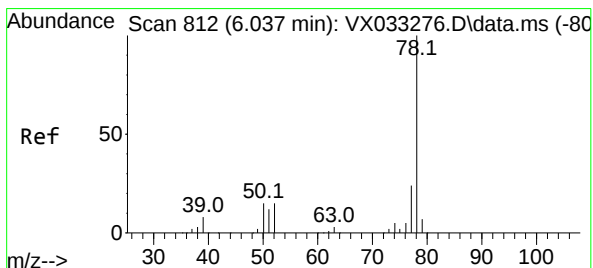
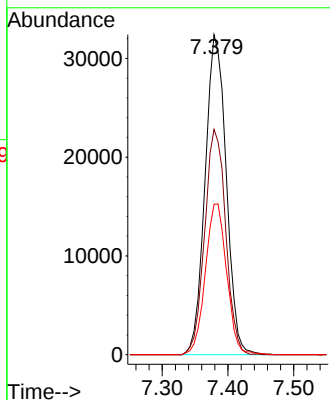
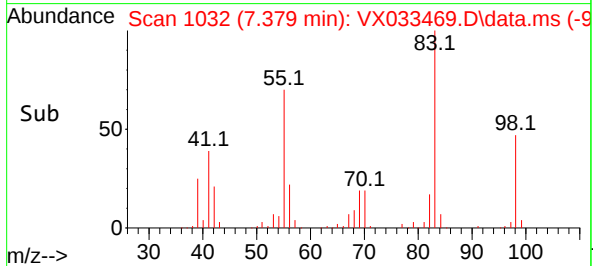
Tgt Ion: 83 Resp: 72430
Ion Ratio Lower Upper
83 100
55 70.4 58.4 87.6
98 47.0 37.2 55.8

Manual Integrations

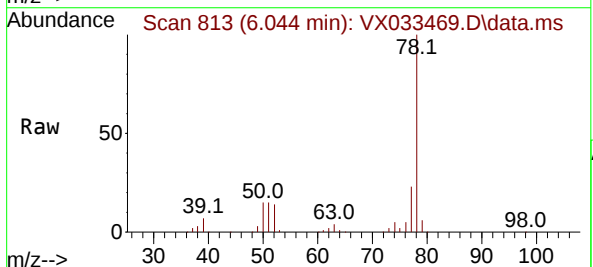
APPROVED

Reviewed By :John Carlone 12/19/2022

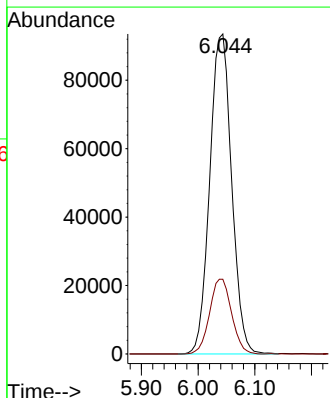
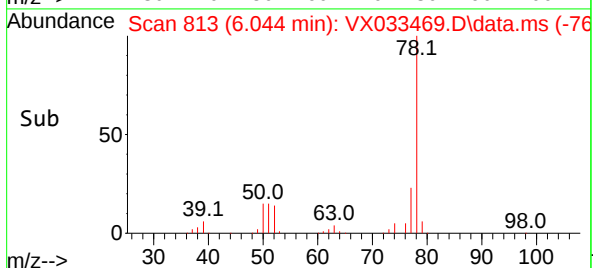
Supervised By :Mahesh Dadoda 12/19/2022

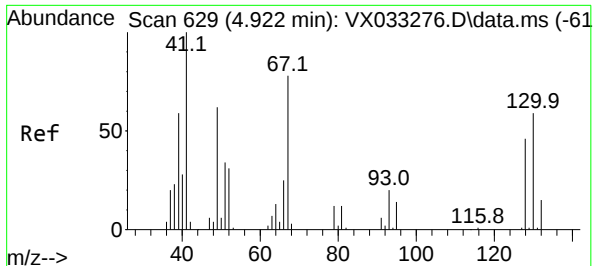


#40
Benzene
Concen: 50.962 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion: 78 Resp: 250825
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 52.809 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

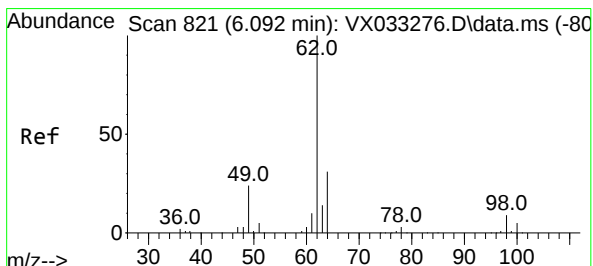
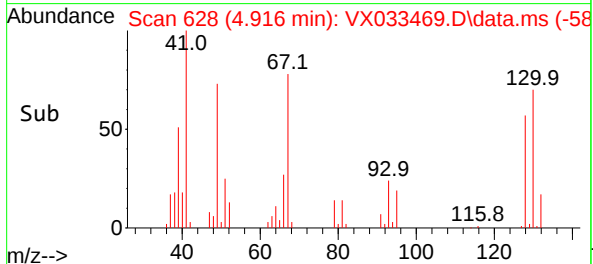
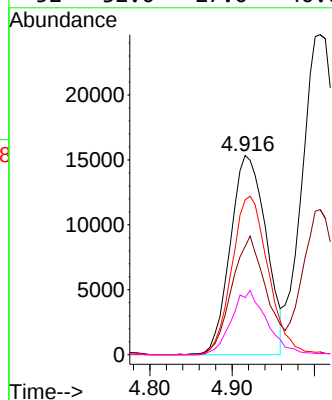
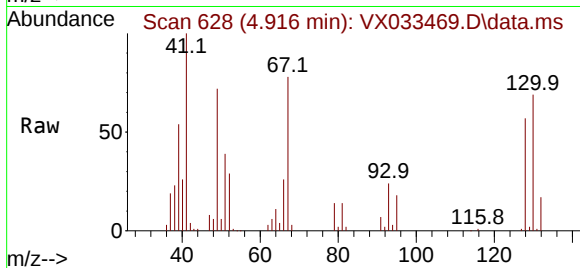
VSTDCCC050EC

Tgt Ion: 41 Resp: 46434
Ion Ratio Lower Upper
41 100
39 57.8 47.5 71.3
67 81.0 60.5 90.7
52 32.0 27.0 40.6

Manual Integrations

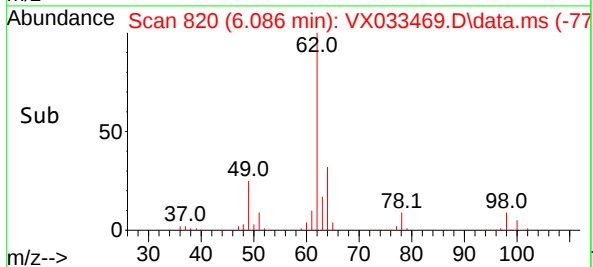
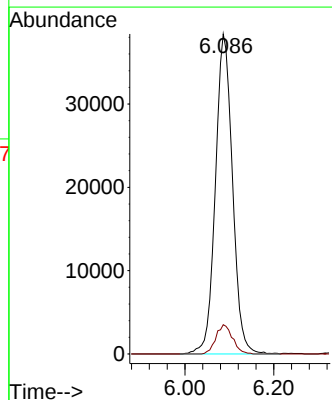
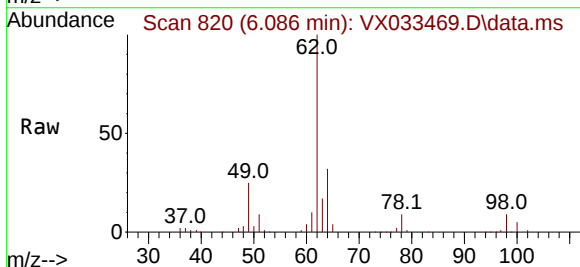
APPROVED

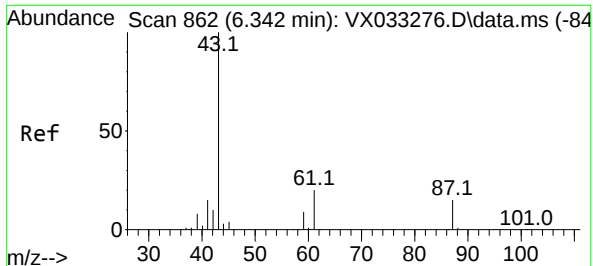
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
1,2-Dichloroethane
Concen: 52.361 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

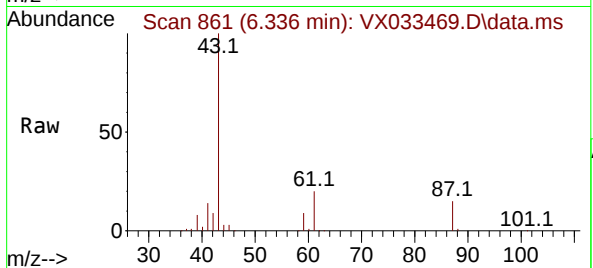
Tgt Ion: 62 Resp: 102335
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.994 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

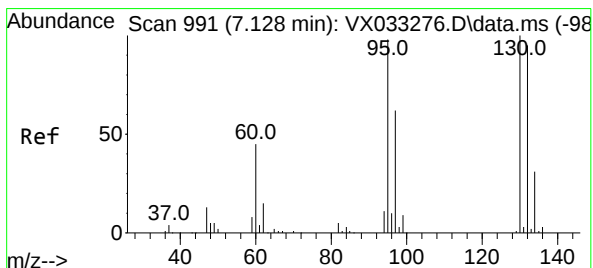
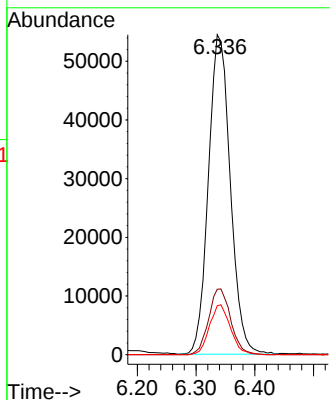
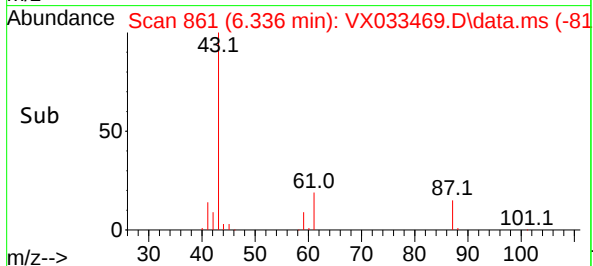
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14119
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.0
87 14.9 10.8 16.2

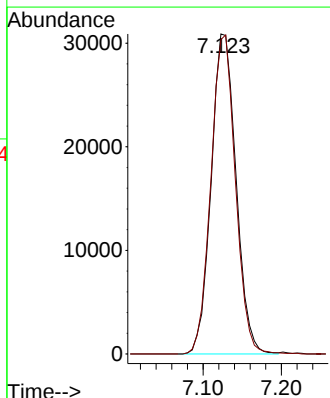
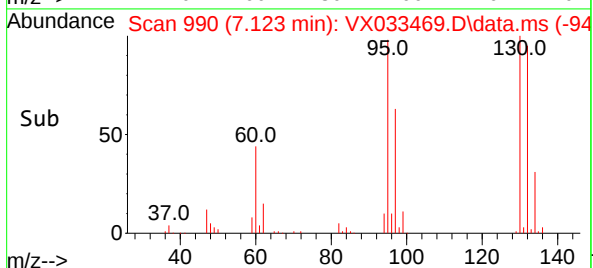
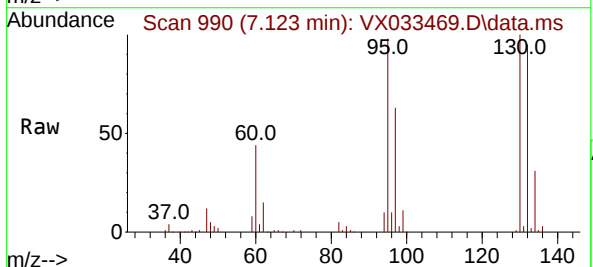
Manual Integrations
APPROVED

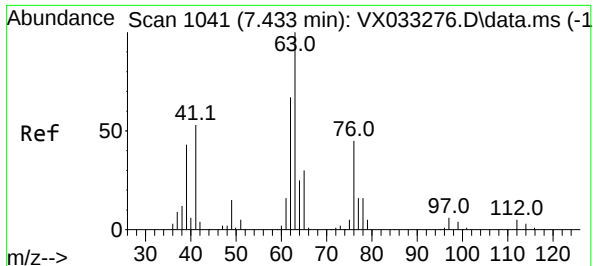
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Trichloroethene
Concen: 50.182 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion:130 Resp: 68096
Ion Ratio Lower Upper
130 100
95 98.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.419 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 65980

Ion Ratio Lower Upper

63 100

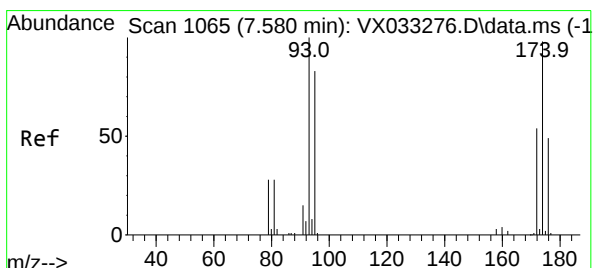
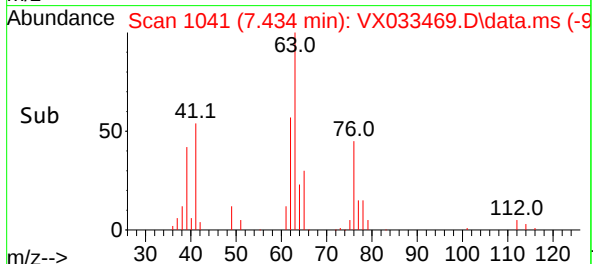
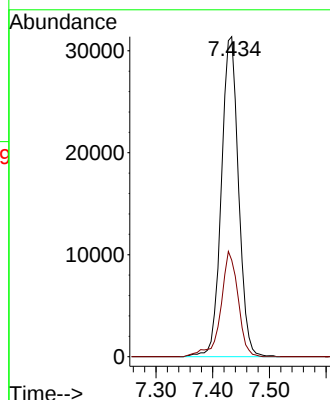
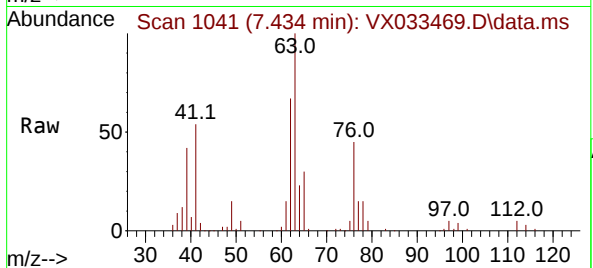
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 53.299 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

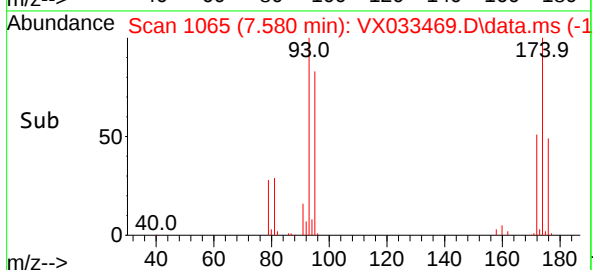
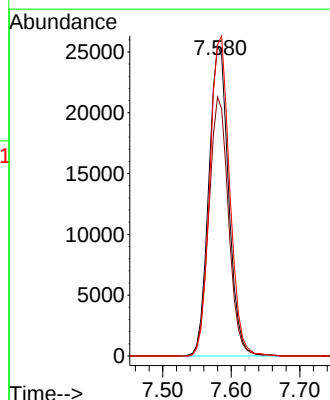
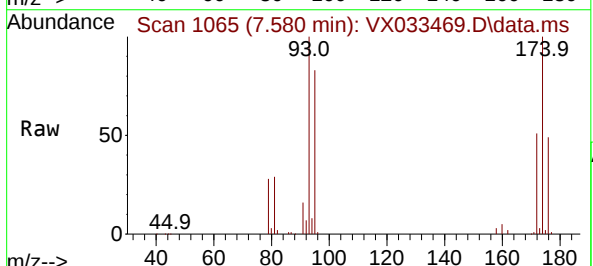
Tgt Ion: 93 Resp: 51106

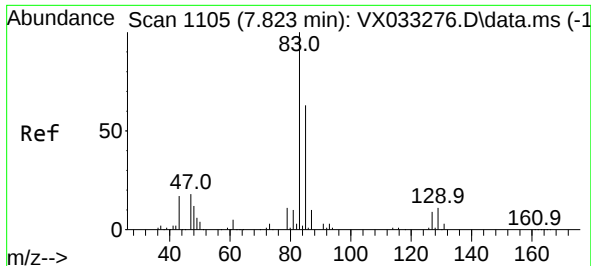
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 103.3 79.8 119.6





#47
Bromodichloromethane
Concen: 54.012 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

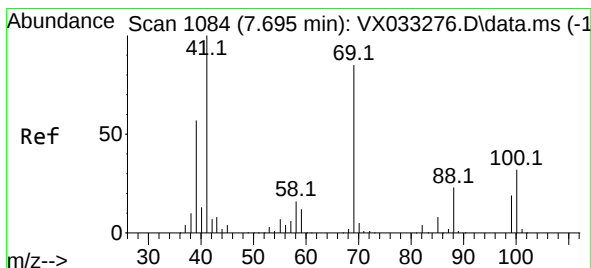
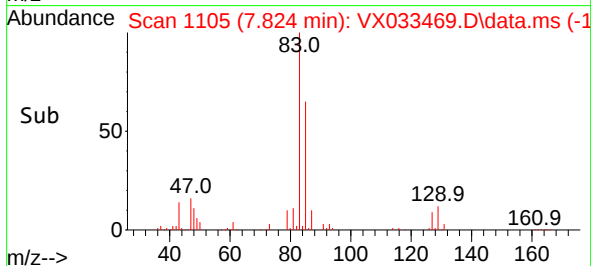
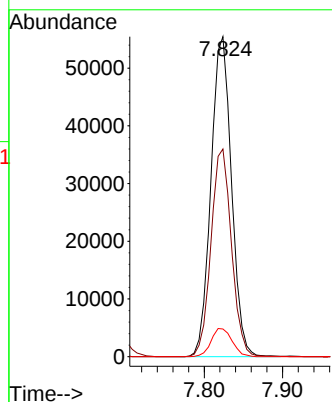
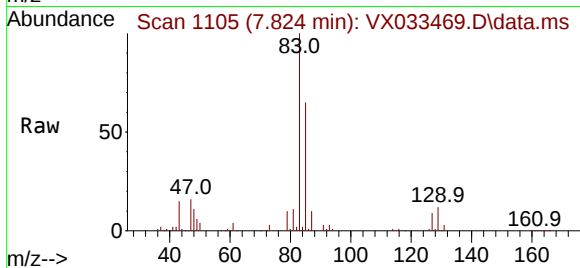
Tgt Ion: 83 Resp: 10095
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4
127 8.7 7.4 11.2

Manual Integrations

APPROVED

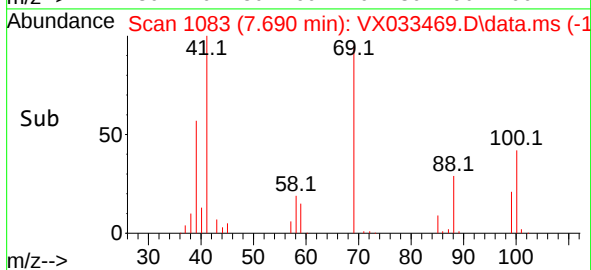
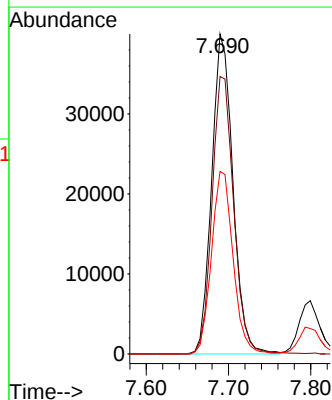
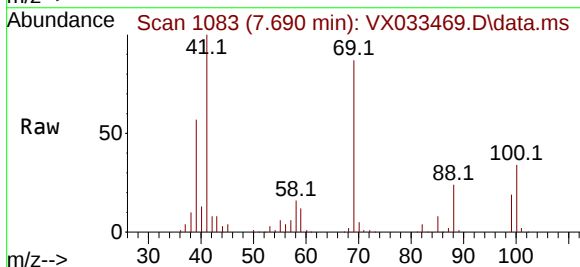
Reviewed By :John Carlone 12/19/2022

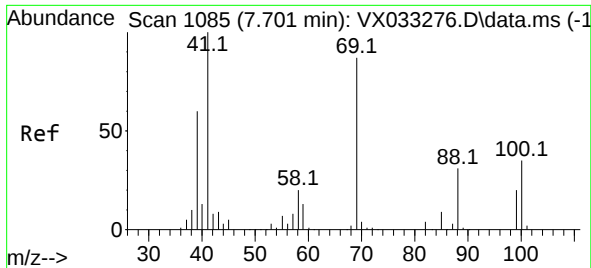
Supervised By :Mahesh Dadoda 12/19/2022



#48
Methyl methacrylate
Concen: 54.062 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 41 Resp: 71636
Ion Ratio Lower Upper
41 100
69 88.4 65.1 97.7
39 58.0 51.9 77.9





#49

1,4-Dioxane

Concen: 1034.790 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3126

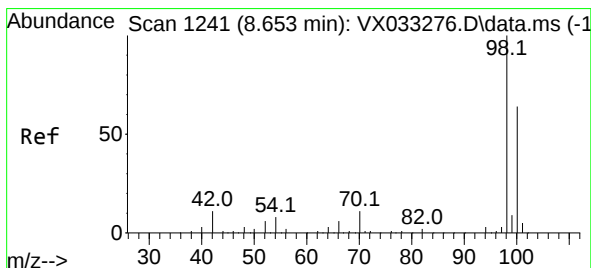
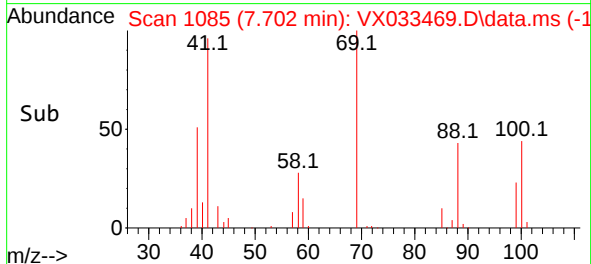
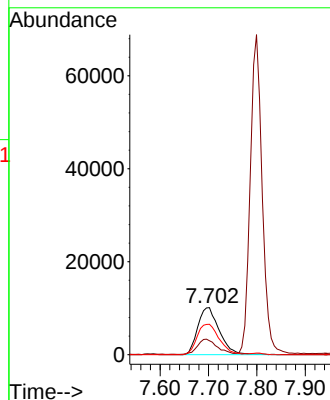
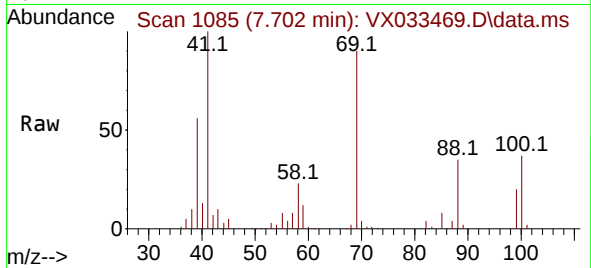
Ion	Ratio	Lower	Upper
88	100		
43	29.9	26.6	39.8
58	66.5	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

Toluene-d8

Concen: 50.307 ug/l

RT: 8.647 min Scan# 1240

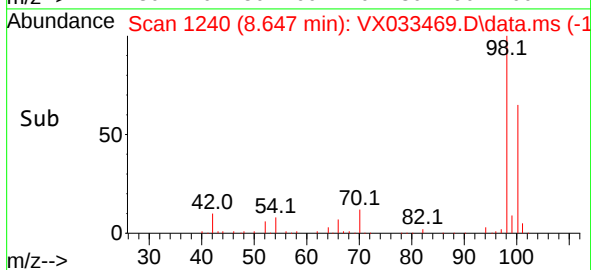
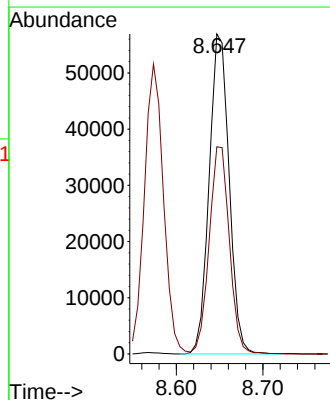
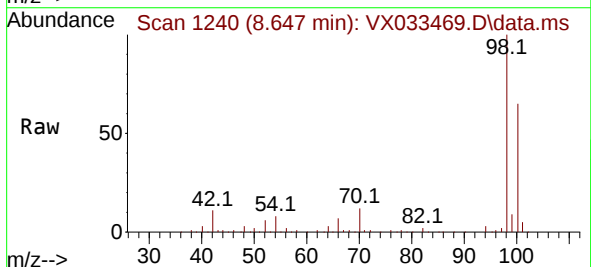
Delta R.T. -0.006 min

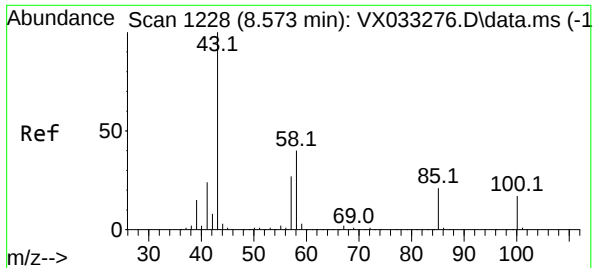
Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Tgt Ion: 98 Resp: 91117

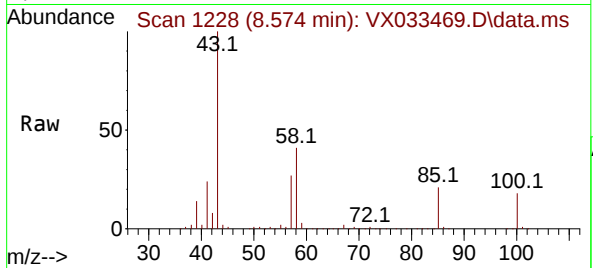
Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 276.487 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

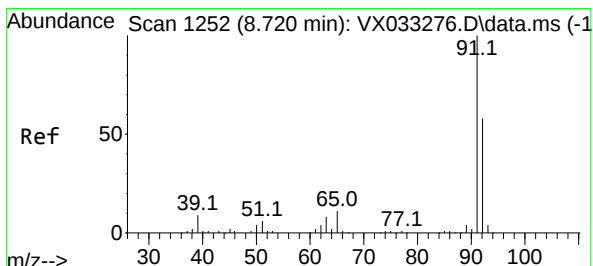
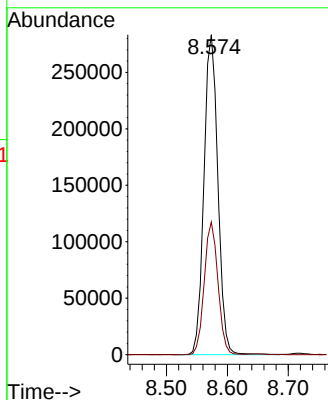
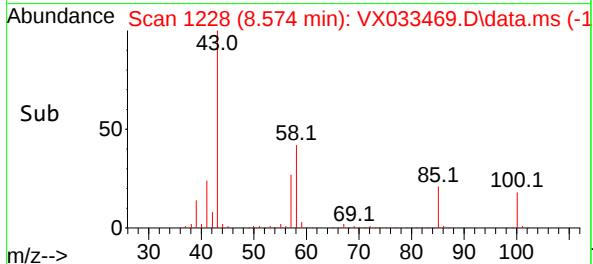
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 448909
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3

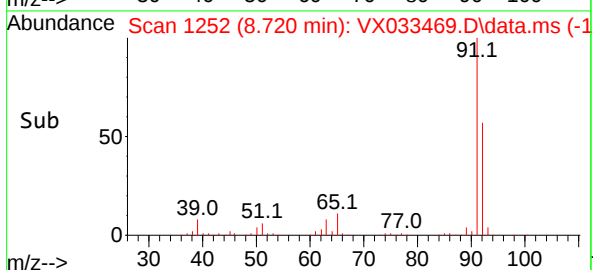
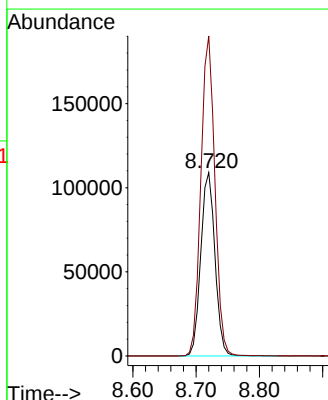
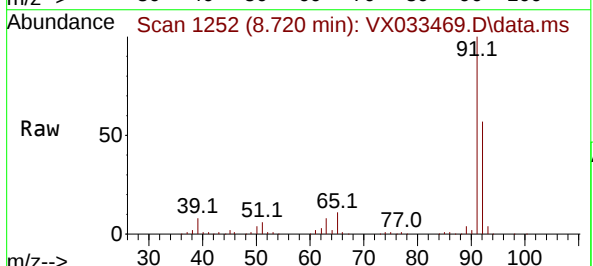
Manual Integrations
APPROVED

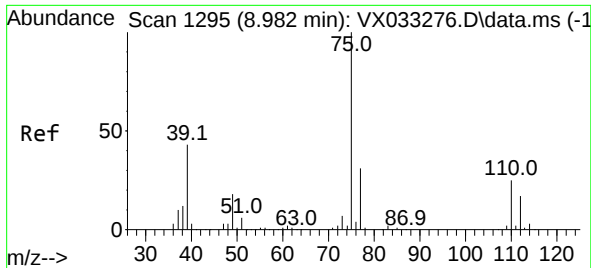
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 53.469 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 92 Resp: 170148
Ion Ratio Lower Upper
92 100
91 172.6 138.3 207.5





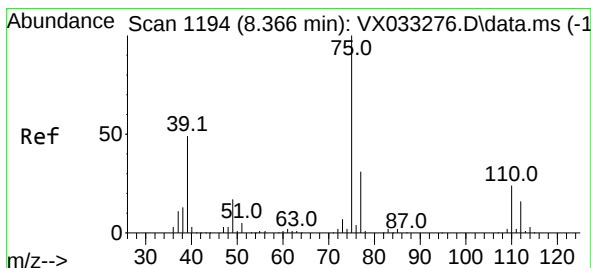
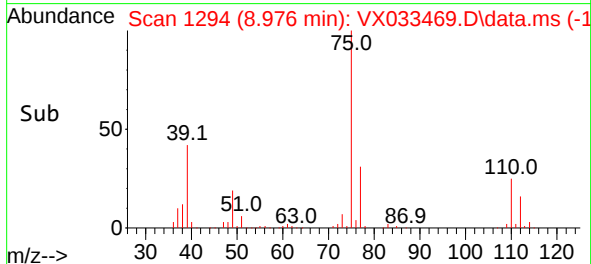
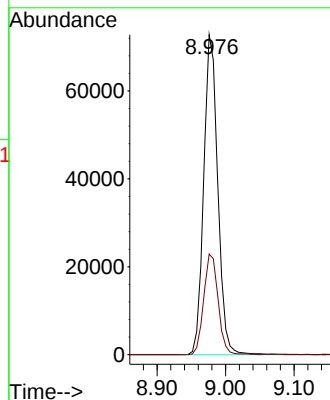
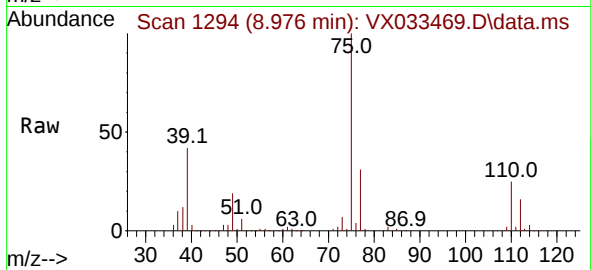
#53
t-1,3-Dichloropropene
Concen: 51.781 ug/l
RT: 8.976 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 10416
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

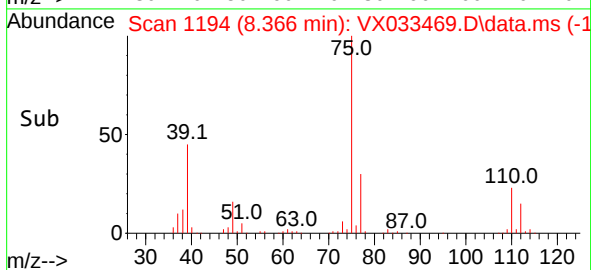
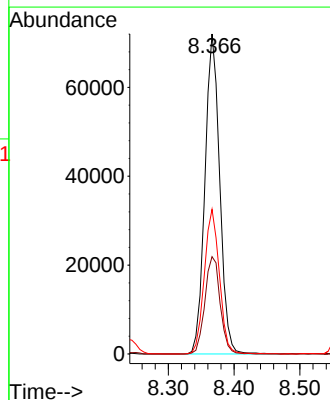
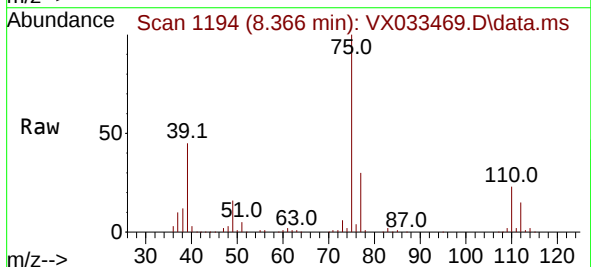
Manual Integrations
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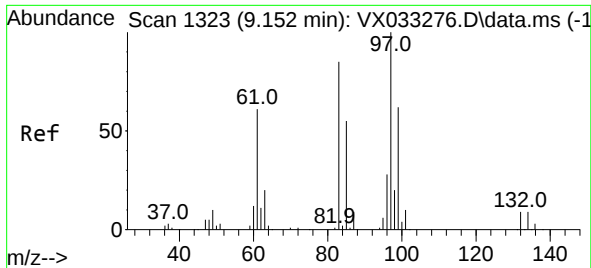
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#54
cis-1,3-Dichloropropene
Concen: 56.596 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

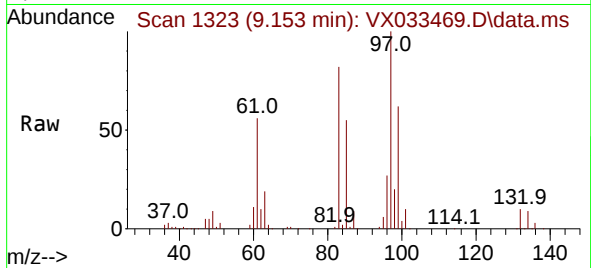
Tgt Ion: 75 Resp: 112567
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7
39 45.2 45.5 68.3#





#55
1,1,2-Trichloroethane
Concen: 56.827 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

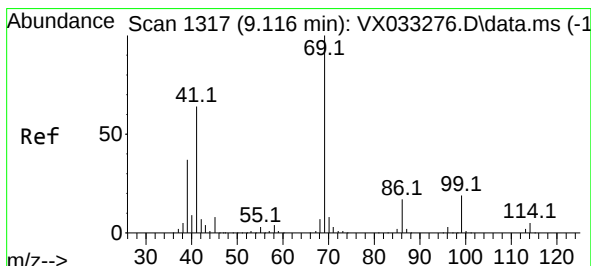
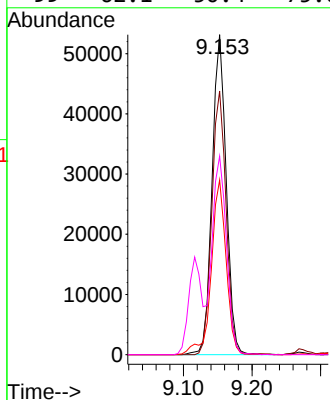
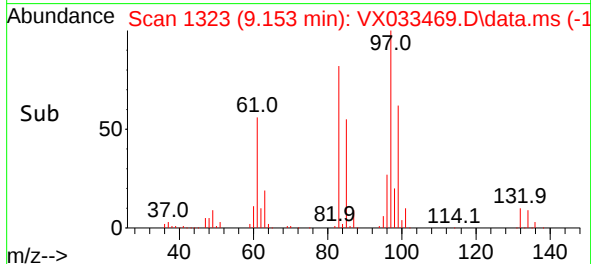
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



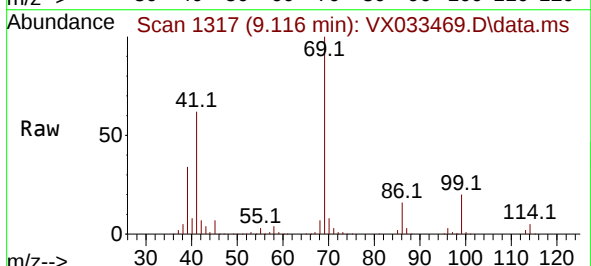
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.1	102.1
85	54.6	43.3	64.9
99	62.1	50.4	75.6

Manual Integrations
APPROVED

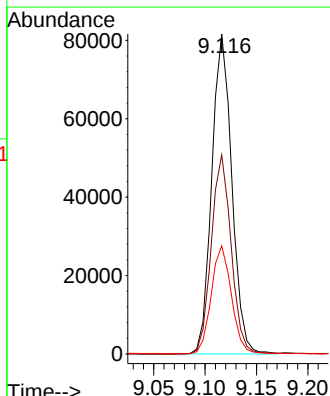
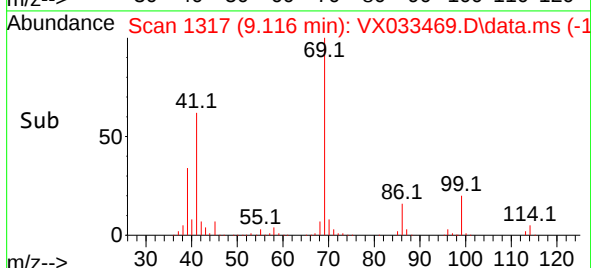
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

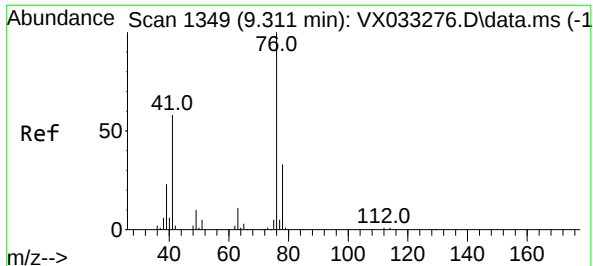


#56
Ethyl methacrylate
Concen: 58.674 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	54.3	81.5
39	34.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 55.759 ug/l

RT: 9.305 min Scan# 119819

Delta R.T. -0.006 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 119819

Ion Ratio Lower Upper

76 100

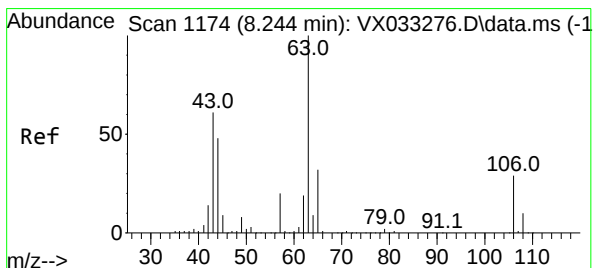
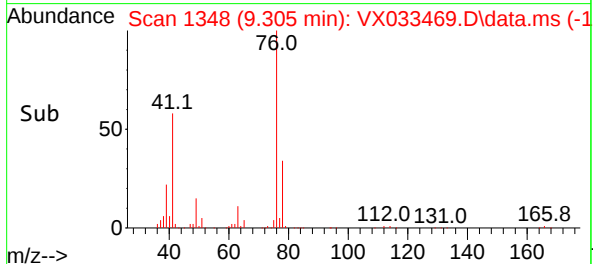
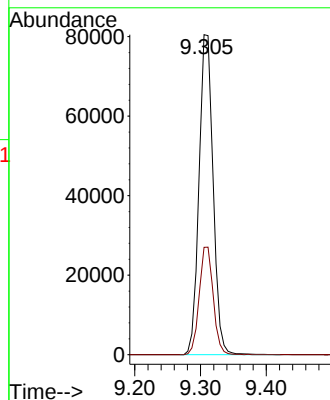
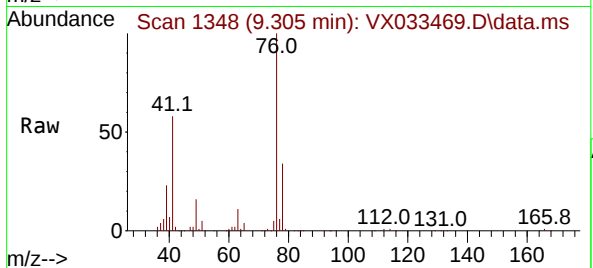
78 33.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 286.933 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033469.D

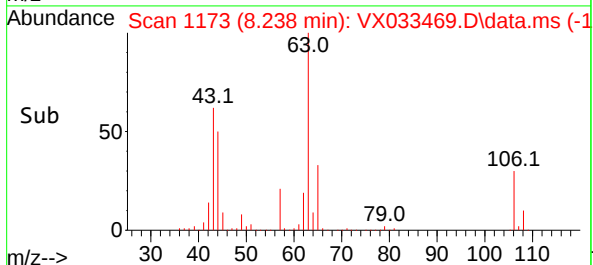
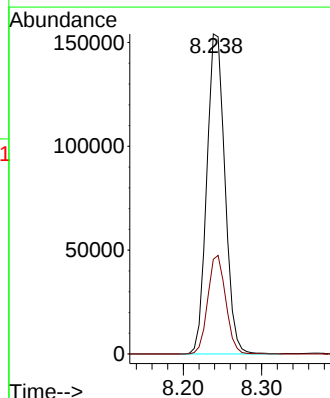
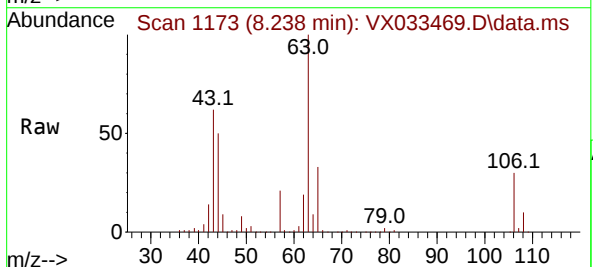
Acq: 16 Dec 2022 18:32

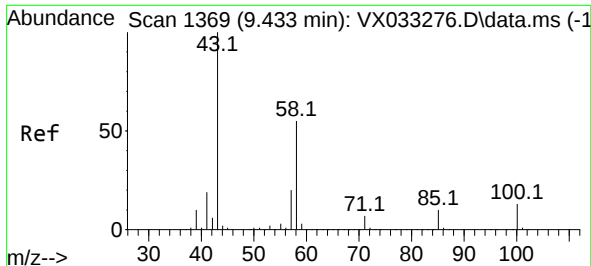
Tgt Ion: 63 Resp: 247267

Ion Ratio Lower Upper

63 100

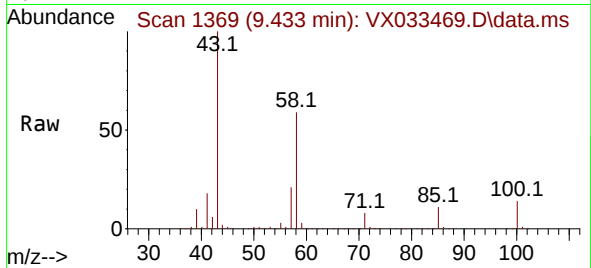
106 30.5 23.3 34.9





#59
2-Hexanone
Concen: 275.181 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

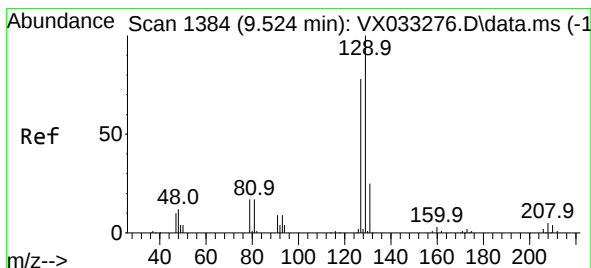
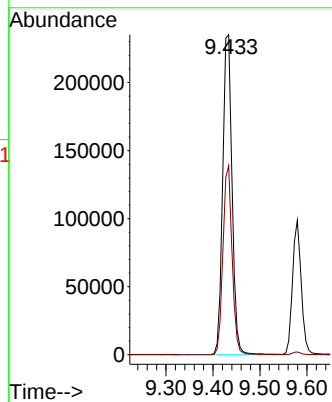
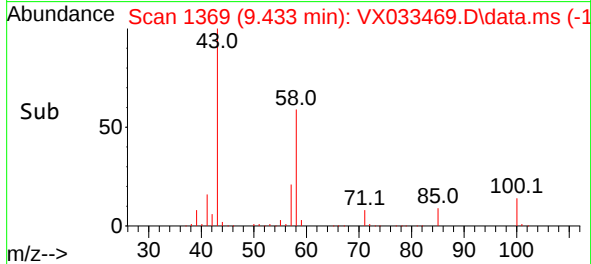
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32925
Ion Ratio Lower Upper
43 100
58 57.3 26.5 79.5

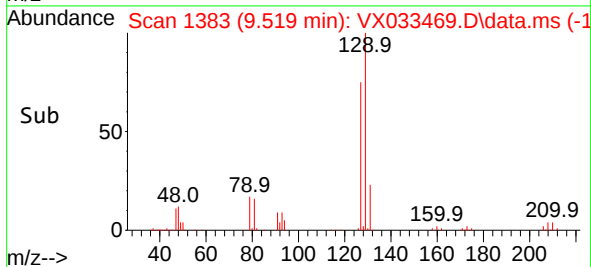
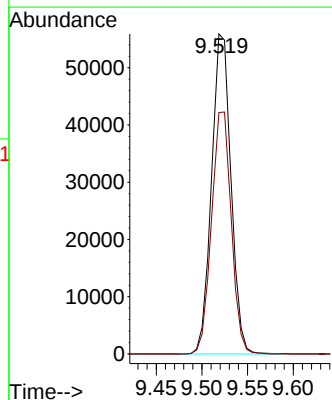
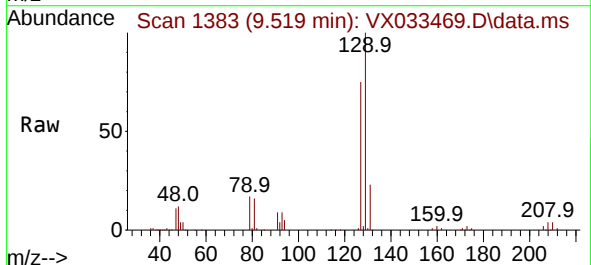
Manual Integrations
APPROVED

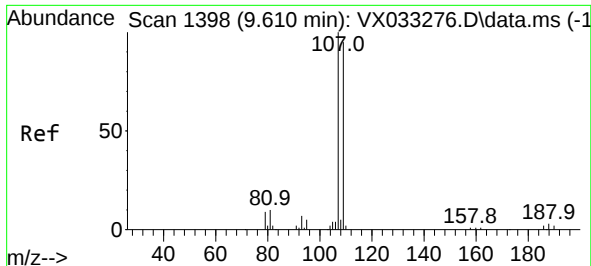
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 55.911 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

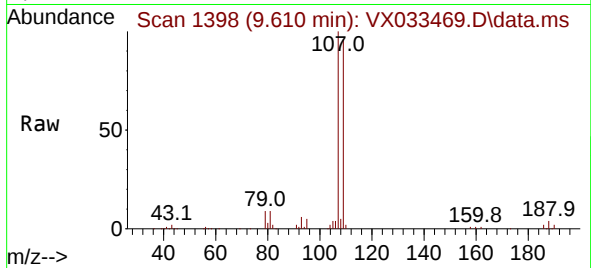
Tgt Ion:129 Resp: 82402
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.927 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

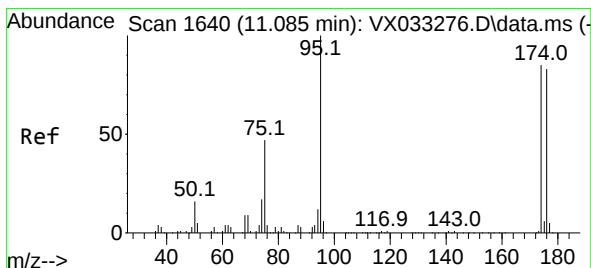
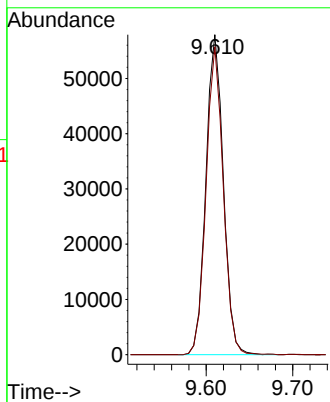
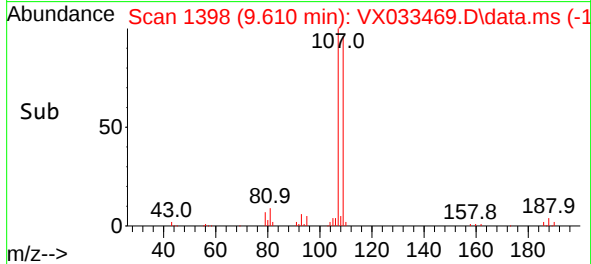
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



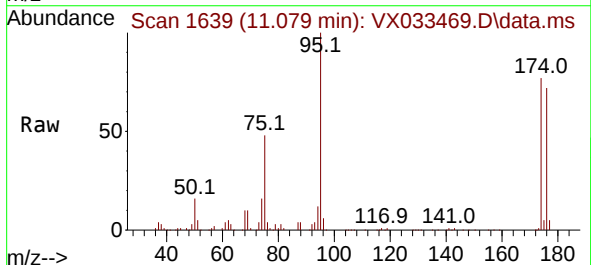
Tgt Ion:107 Resp: 80999
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0

Manual Integrations
APPROVED

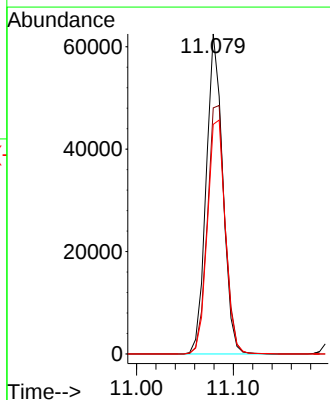
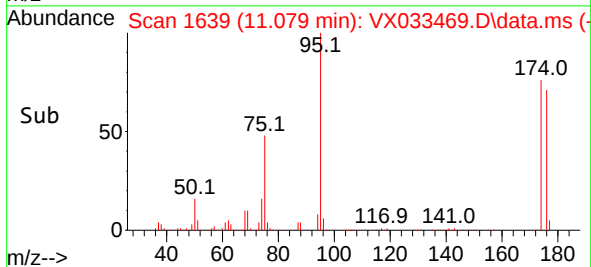
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

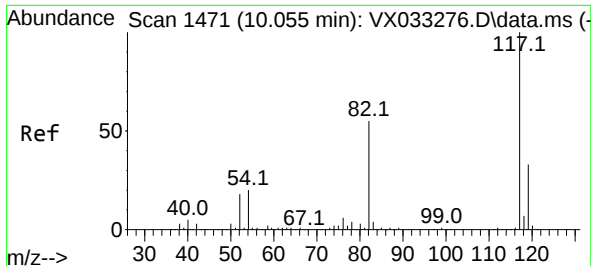


#62
4-Bromofluorobenzene
Concen: 53.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



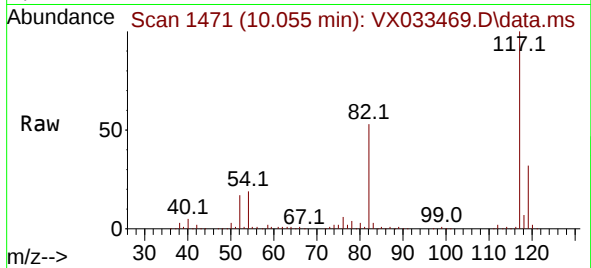
Tgt Ion: 95 Resp: 74334
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 79.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

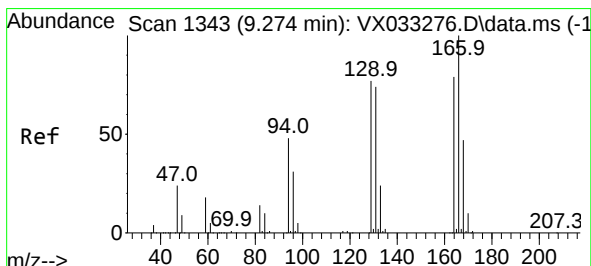
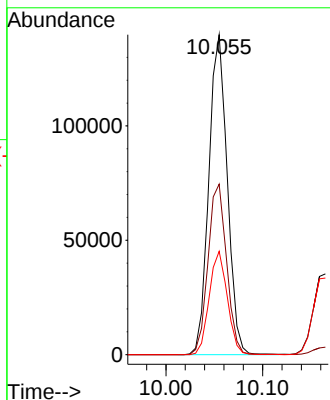
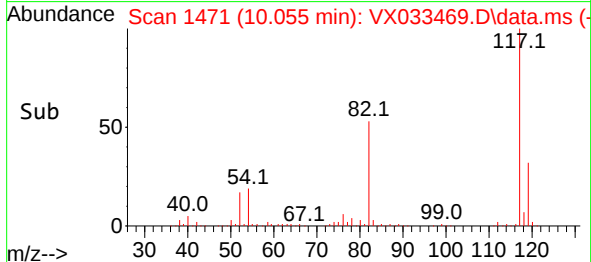
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 18552
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.3 25.7 38.5

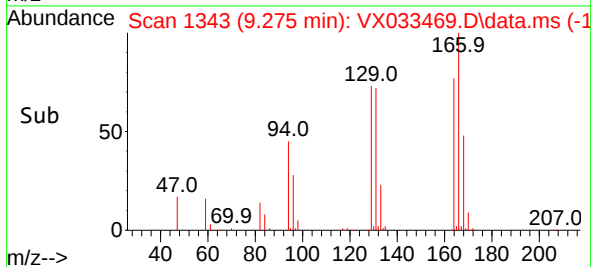
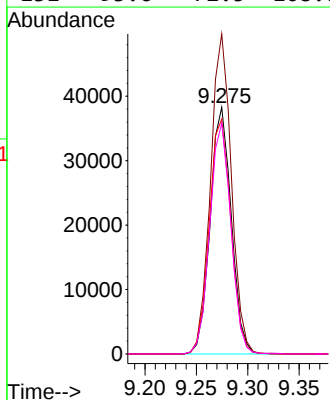
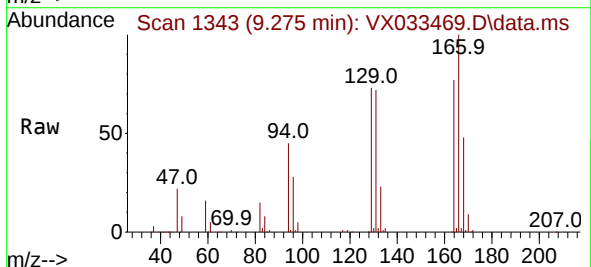
Manual Integrations
APPROVED

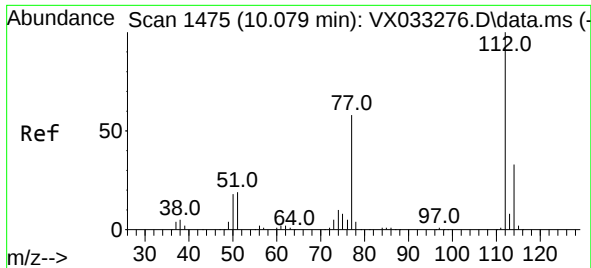
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 42.913 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion:164 Resp: 54438
Ion Ratio Lower Upper
164 100
166 129.8 105.4 158.2
129 95.3 78.2 117.2
131 93.6 72.5 108.7





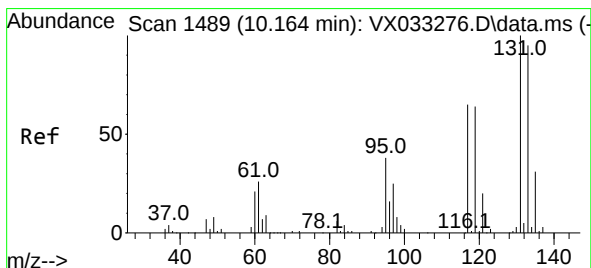
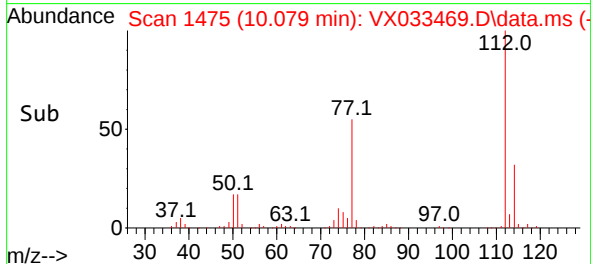
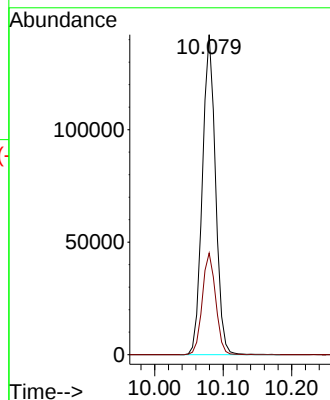
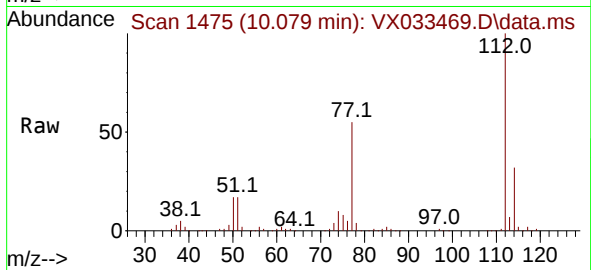
#65
Chlorobenzene
Concen: 50.574 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 18999
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

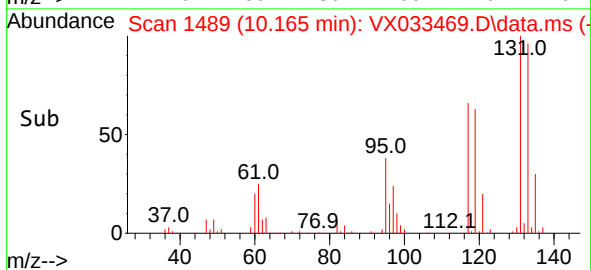
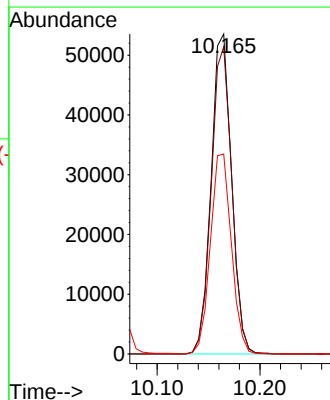
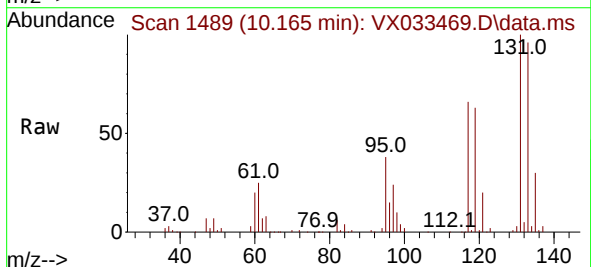
Manual Integrations
APPROVED

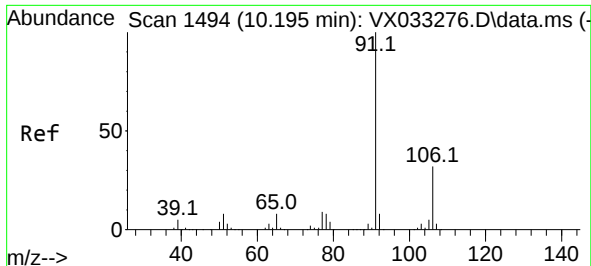
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.183 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

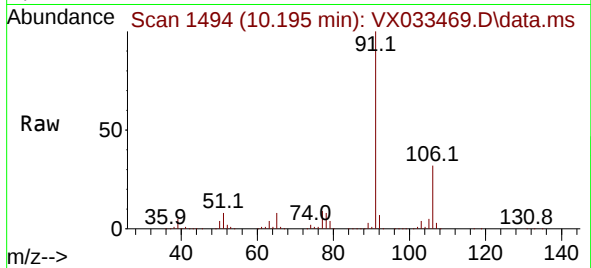
Tgt Ion:131 Resp: 74086
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 64.1 32.4 97.0





#67
Ethyl Benzene
Concen: 49.234 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

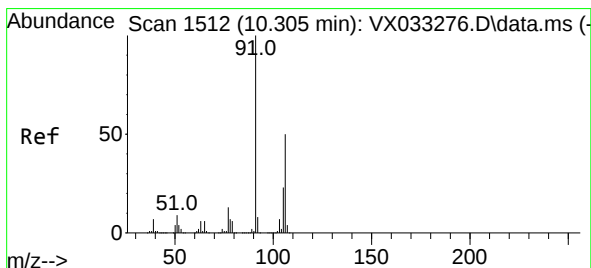
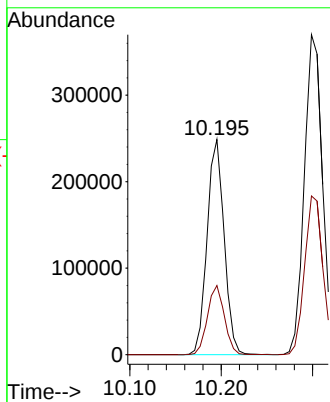
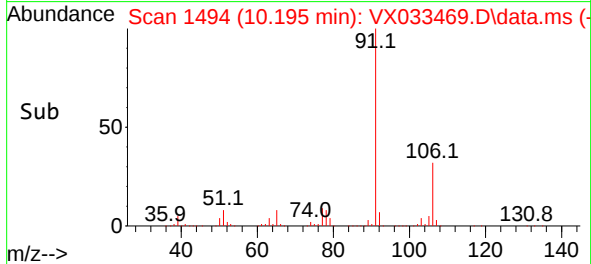
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



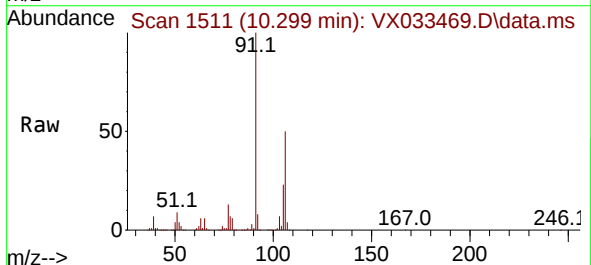
Tgt Ion: 91 Resp: 322233
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

Manual Integrations
APPROVED

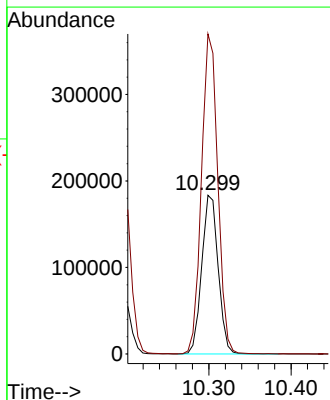
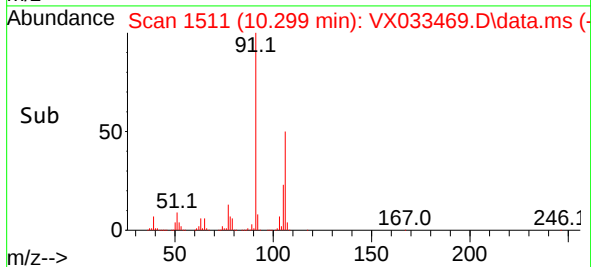
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

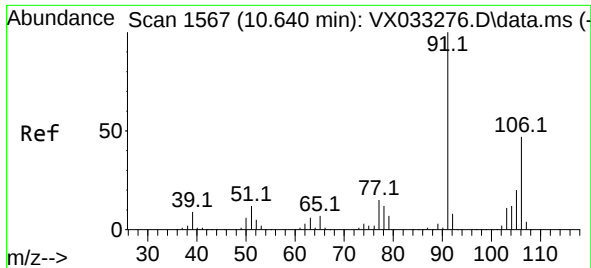


#68
m/p-Xylenes
Concen: 99.988 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion:106 Resp: 254613
Ion Ratio Lower Upper
106 100
91 200.4 164.5 246.7





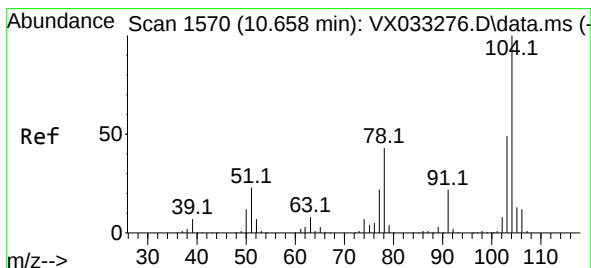
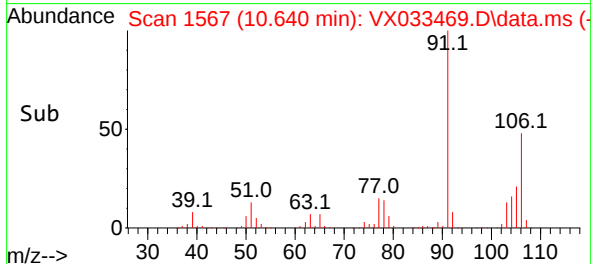
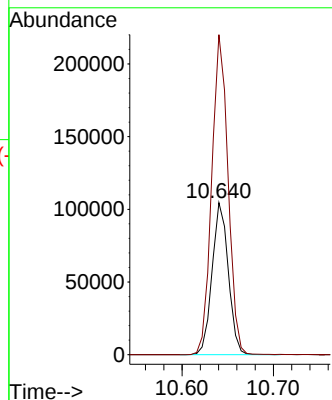
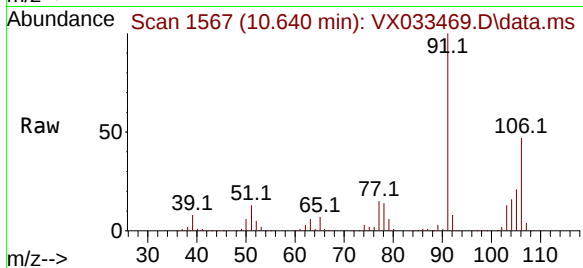
#69
o-Xylene
Concen: 51.043 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 128474
Ion Ratio Lower Upper
106 100
91 212.1 109.2 327.6

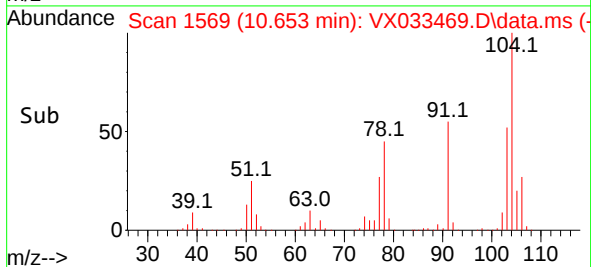
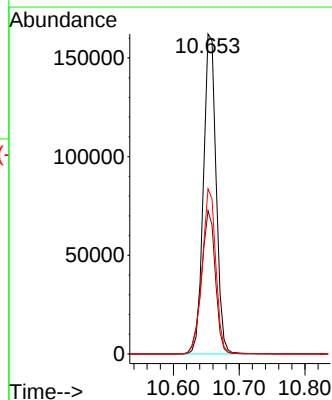
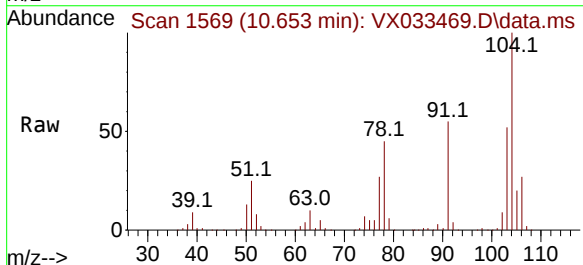
Manual Integrations
APPROVED

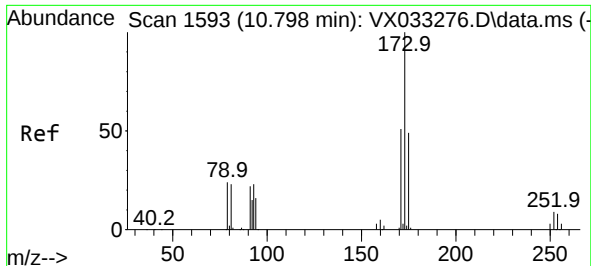
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 53.004 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

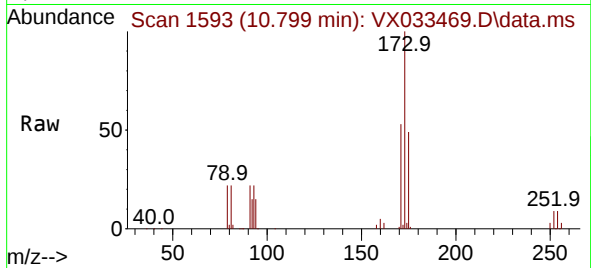
Tgt Ion:104 Resp: 218496
Ion Ratio Lower Upper
104 100
78 48.8 41.8 62.8
103 55.3 44.5 66.7





#71
Bromoform
Concen: 51.896 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

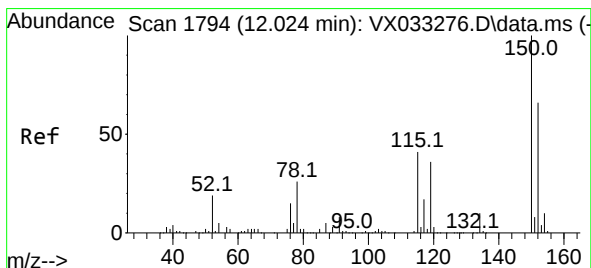
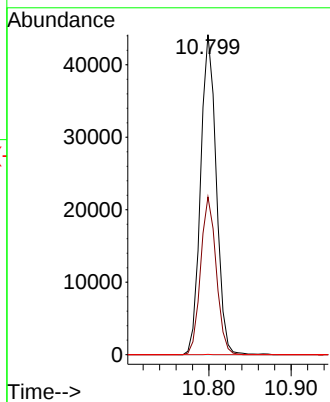
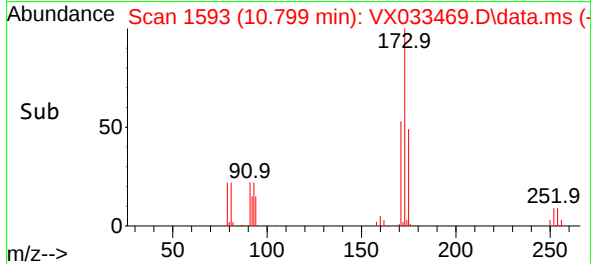
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 58319
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.0 0.0 0.0

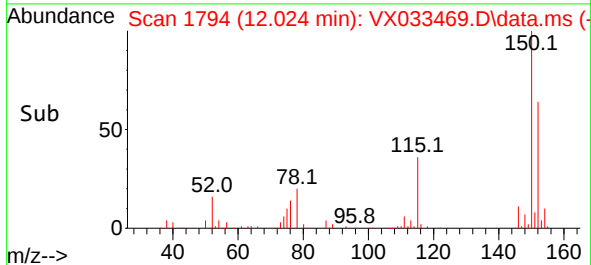
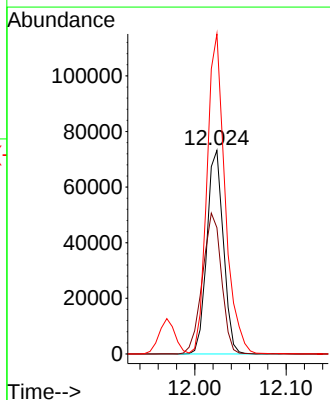
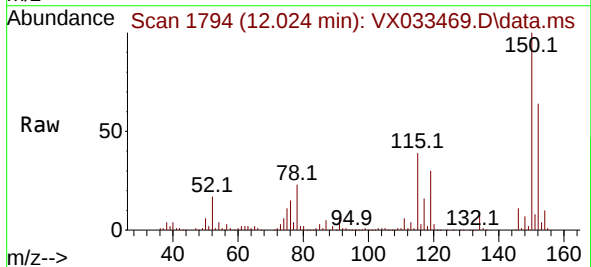
Manual Integrations
APPROVED

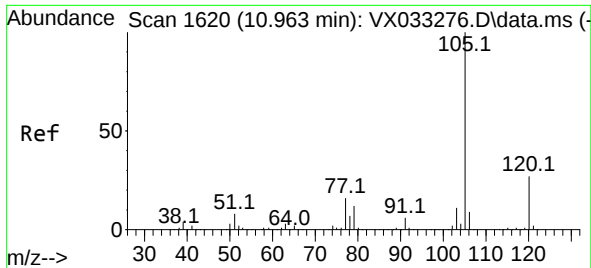
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

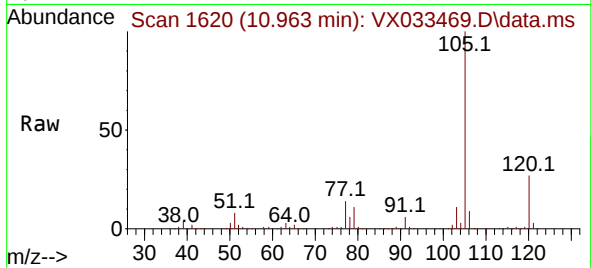
Tgt Ion:152 Resp: 91337
Ion Ratio Lower Upper
152 100
115 80.0 44.0 132.0
150 172.9 0.0 351.8





#73
Isopropylbenzene
Concen: 47.105 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

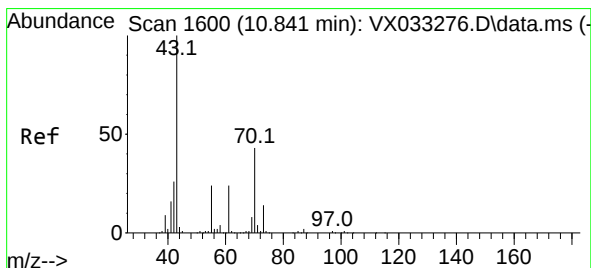
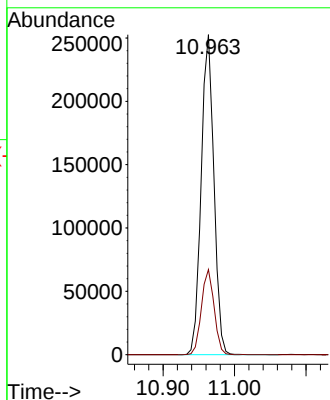
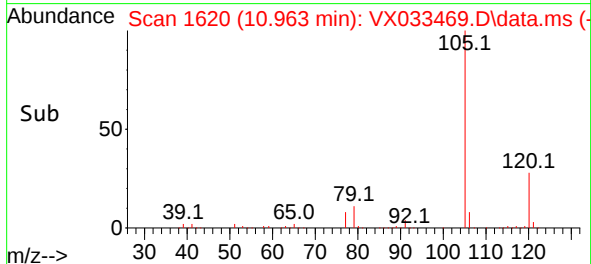
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



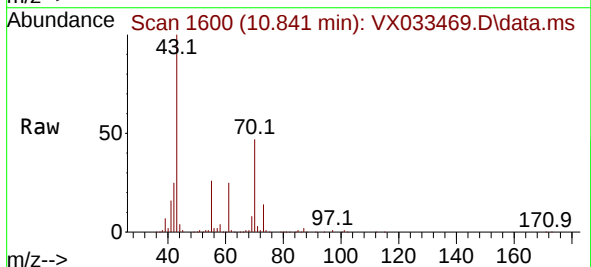
Tgt Ion:105 Resp: 311844
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

Manual Integrations
APPROVED

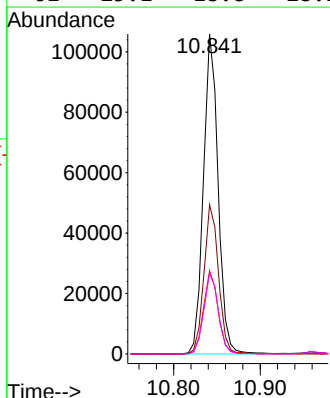
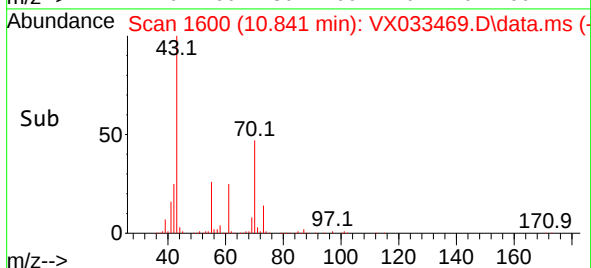
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

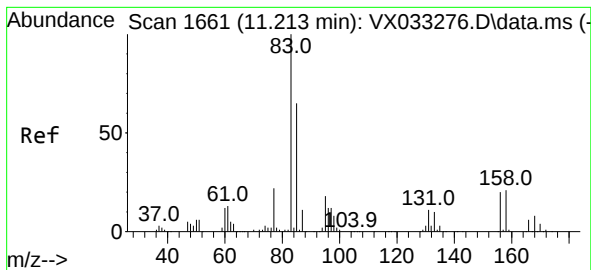


#74
N-ethyl acetate
Concen: 55.182 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion: 43 Resp: 124639
Ion Ratio Lower Upper
43 100
70 46.5 33.6 50.4
55 25.9 19.4 29.2
61 25.1 18.8 28.2





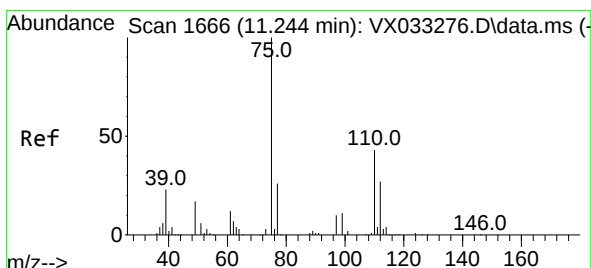
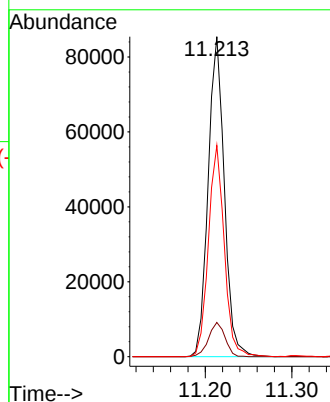
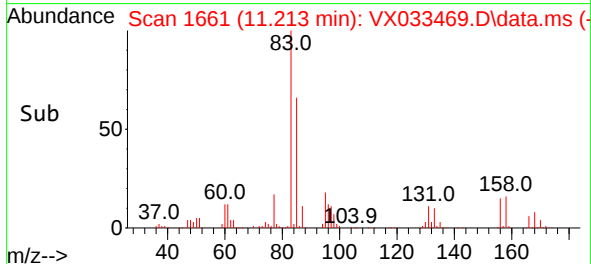
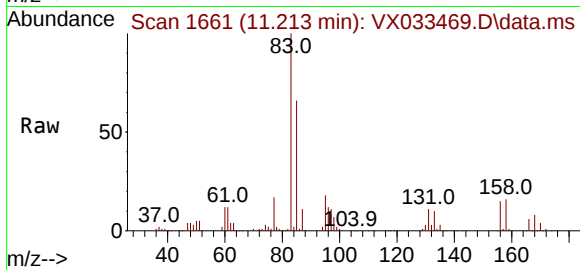
#75
1,1,2,2-Tetrachloroethane
Concen: 52.770 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 110829
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.9 31.9 95.9

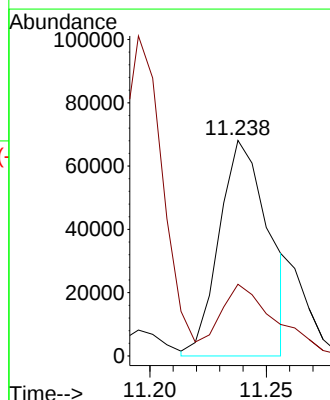
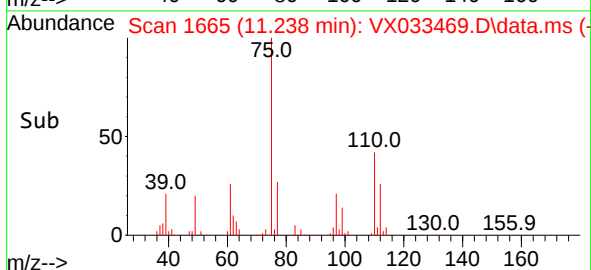
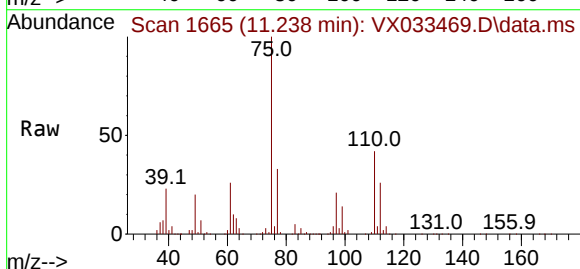
Manual Integrations
APPROVED

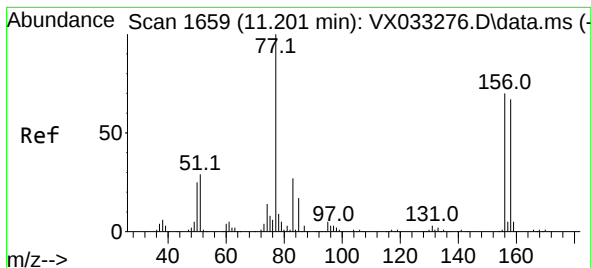
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,2,3-Trichloropropane
Concen: 53.924 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion: 75 Resp: 100205
Ion Ratio Lower Upper
75 100
77 37.8 20.0 60.0





#77

Bromobenzene

Concen: 51.174 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

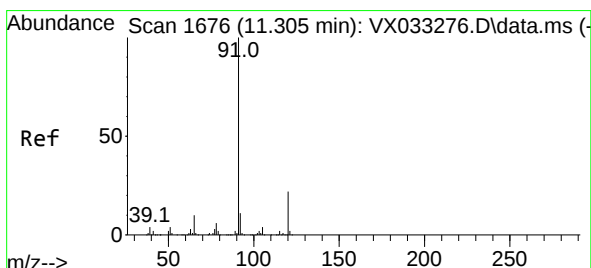
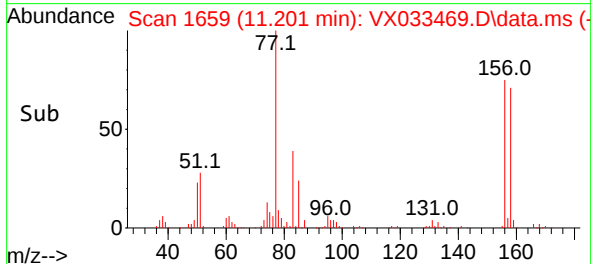
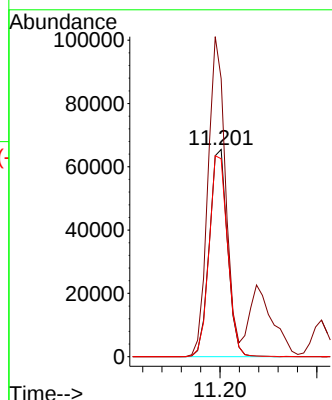
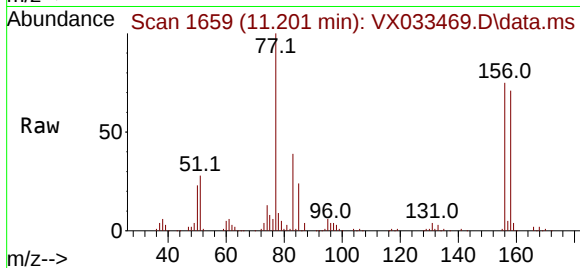
Tgt Ion:	156	Resp:	85549
Ion Ratio	Lower	Upper	
156	100		
77	149.2	76.1	228.4
158	98.6	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#78

n-propylbenzene

Concen: 46.711 ug/l

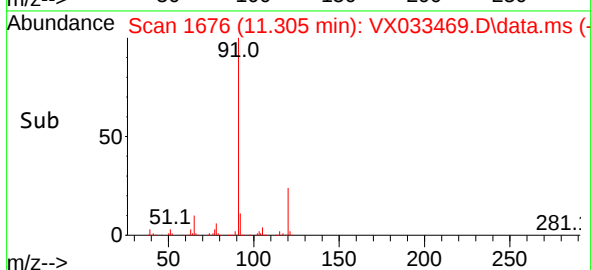
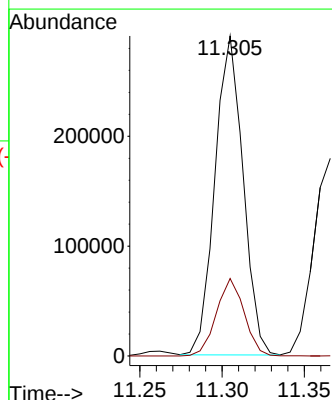
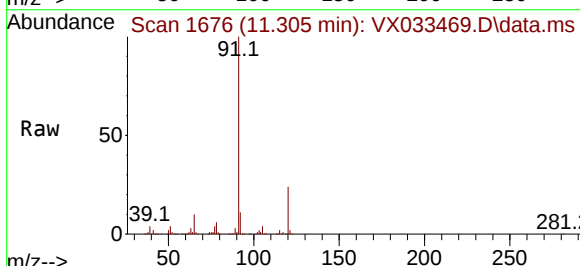
RT: 11.305 min Scan# 1676

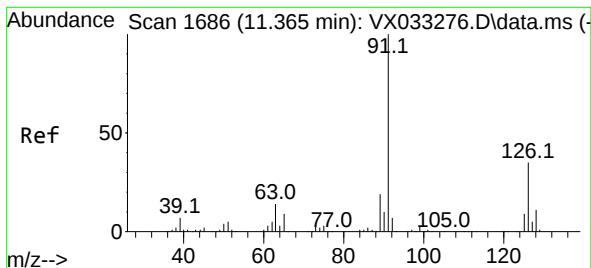
Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Tgt Ion:	91	Resp:	345286
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.6	34.8





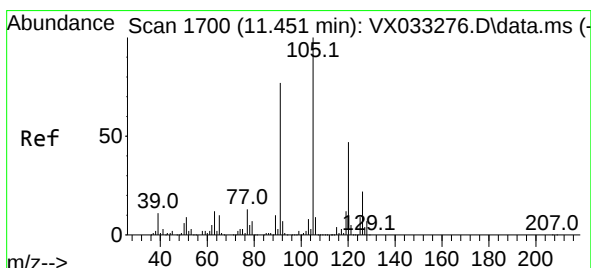
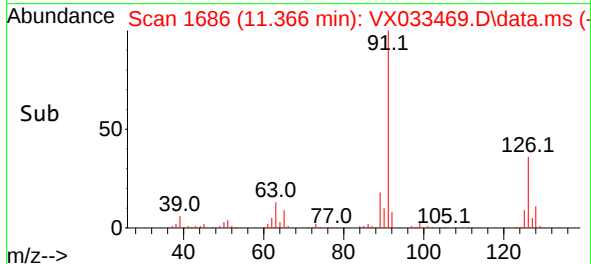
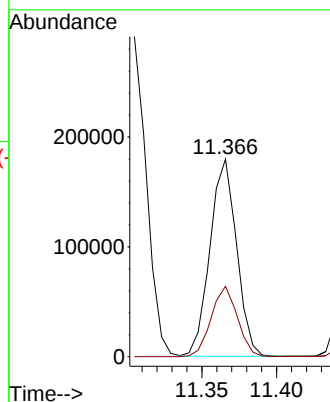
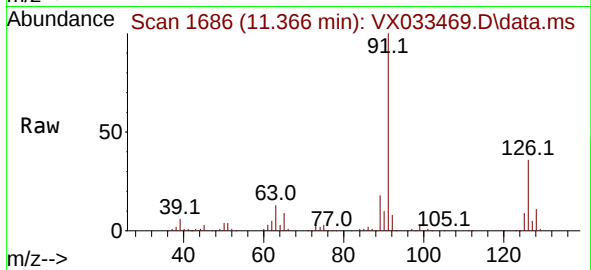
#79
2-Chlorotoluene
Concen: 48.561 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 221845
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2

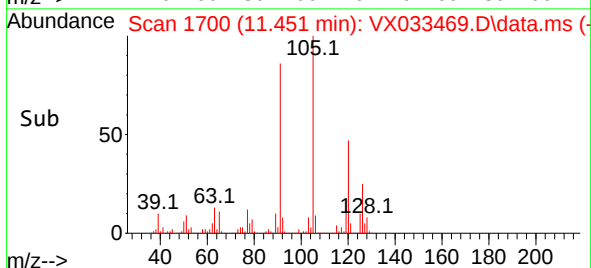
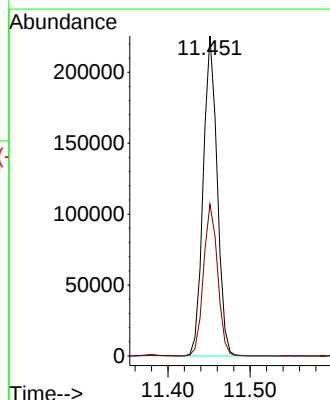
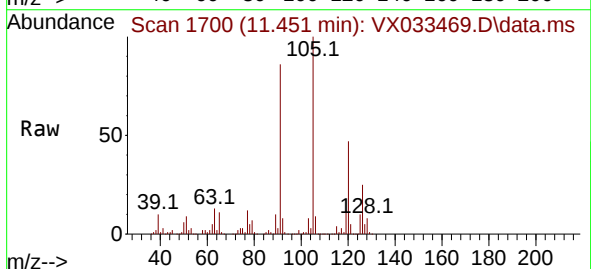
Manual Integrations
APPROVED

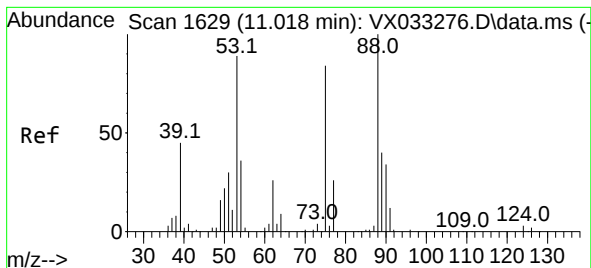
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.228 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Tgt Ion:105 Resp: 265769
Ion Ratio Lower Upper
105 100
120 48.1 23.6 71.0





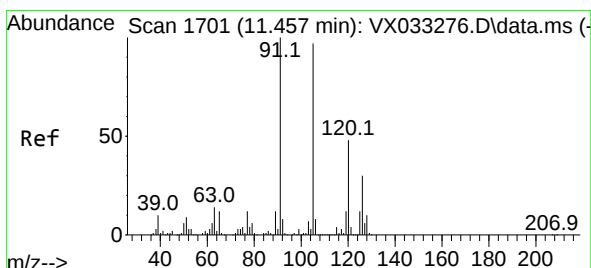
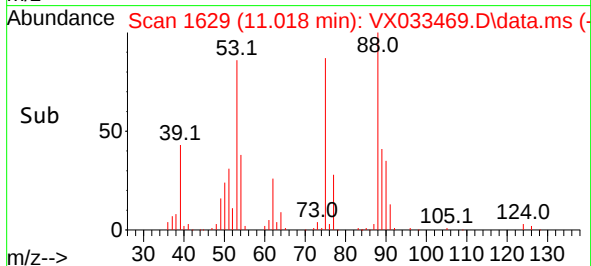
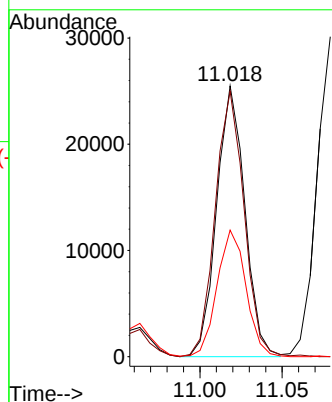
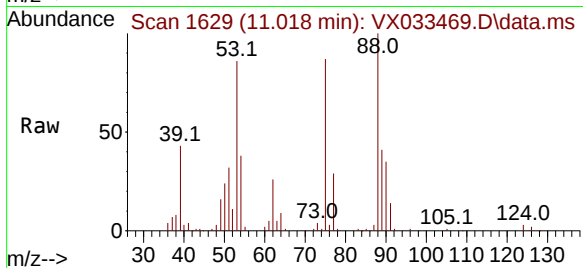
#81
trans-1,4-Dichloro-2-butene
Concen: 50.750 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3031
Ion Ratio Lower Upper
75 100
53 100.3 86.9 130.3
89 48.0 38.3 57.5

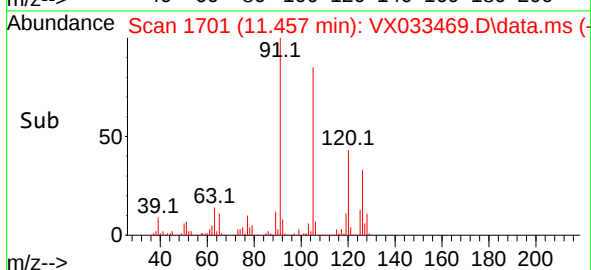
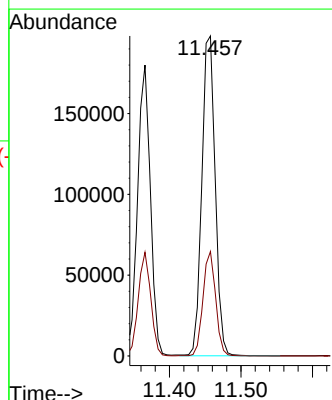
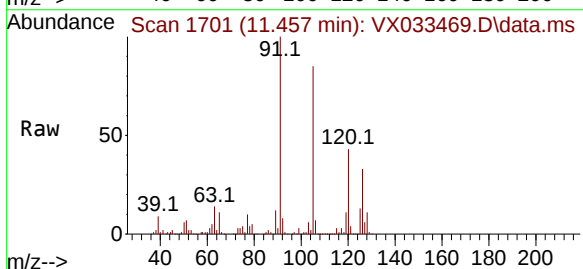
Manual Integrations
APPROVED

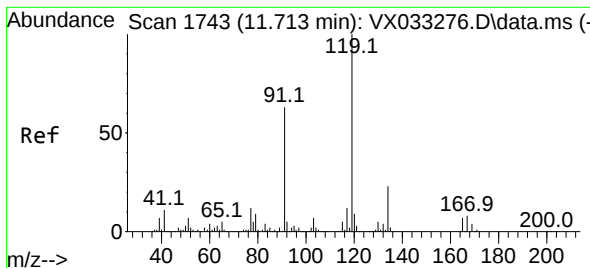
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#82
4-Chlorotoluene
Concen: 48.345 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

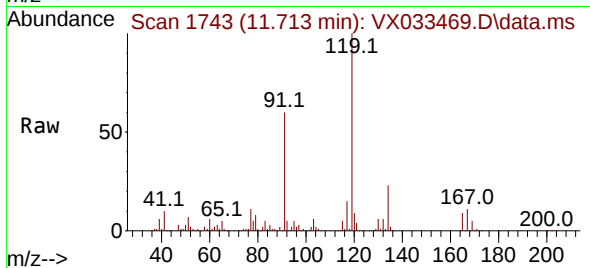
Tgt Ion: 91 Resp: 256813
Ion Ratio Lower Upper
91 100
126 31.1 14.8 44.4





#83
tert-Butylbenzene
Concen: 47.171 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

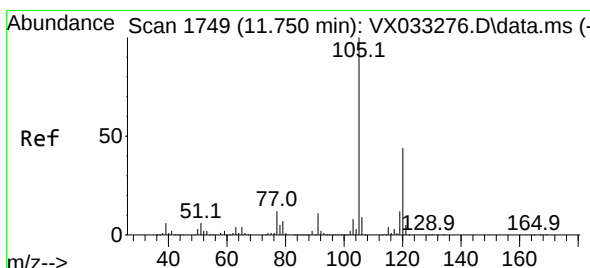
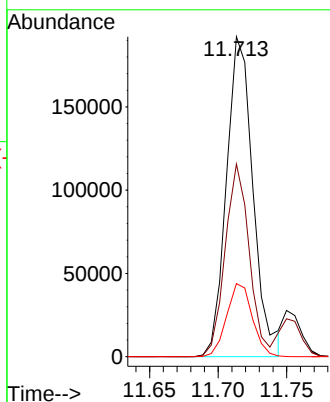
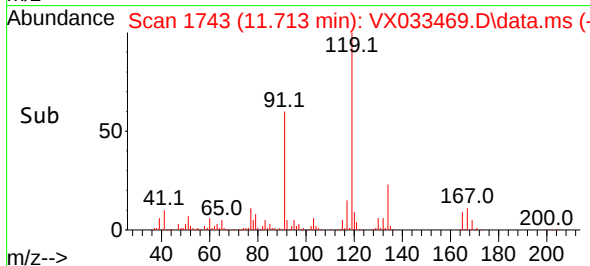
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



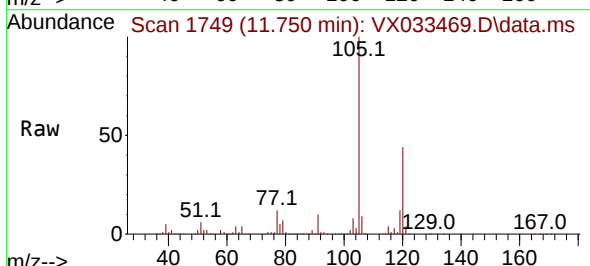
Tgt Ion:119 Resp: 25921
Ion Ratio Lower Upper
119 100
91 54.7 29.4 88.2
134 22.1 11.0 33.0

Manual Integrations
APPROVED

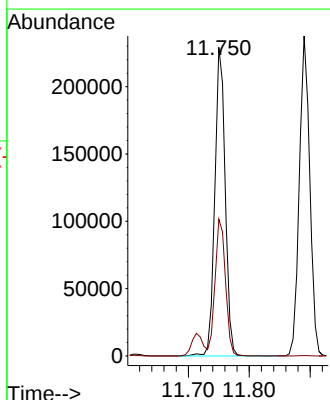
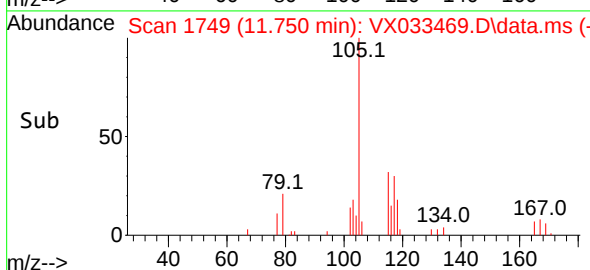
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

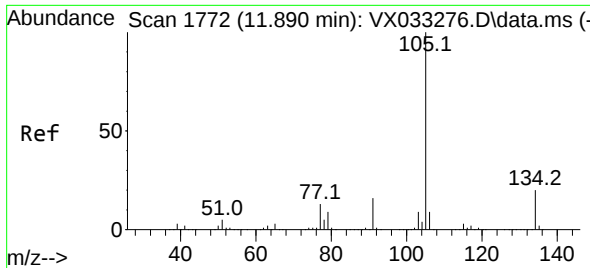


#84
1,2,4-Trimethylbenzene
Concen: 49.262 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



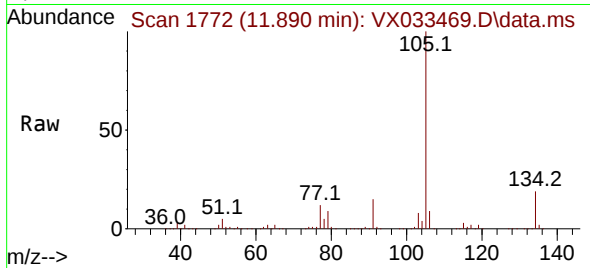
Tgt Ion:105 Resp: 270981
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 44.149 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033469.D
 Acq: 16 Dec 2022 18:32

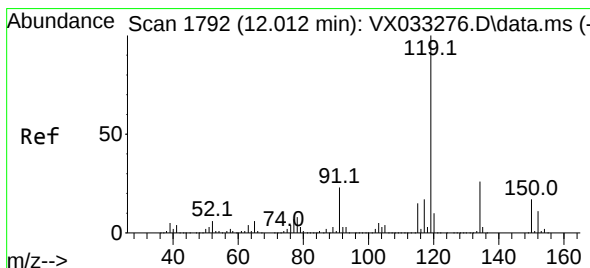
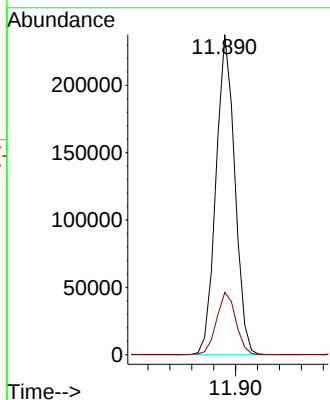
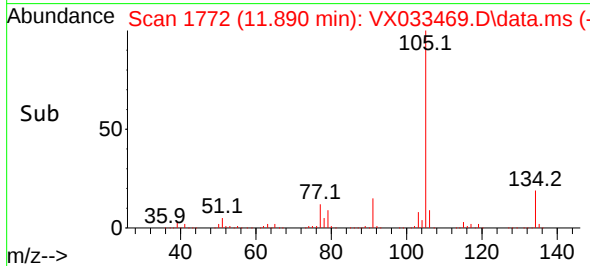
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



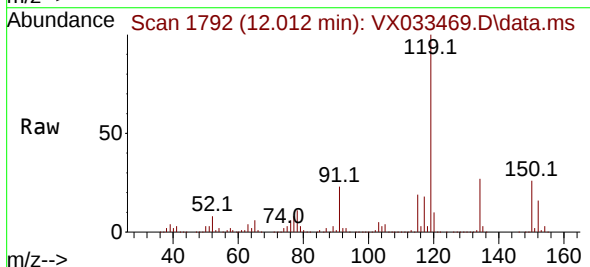
Tgt Ion:105 Resp: 28306
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
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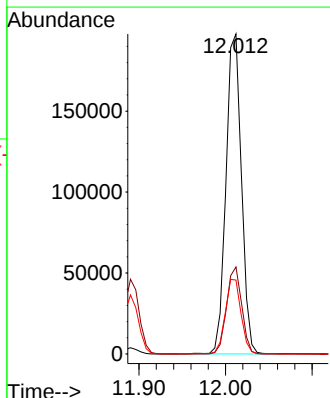
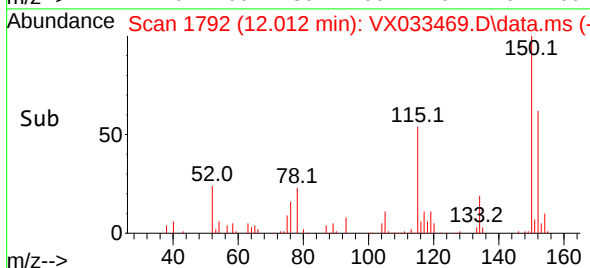
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#86
 p-Isopropyltoluene
 Concen: 44.320 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033469.D
 Acq: 16 Dec 2022 18:32



Tgt Ion:119 Resp: 244985
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.930 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 15120

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

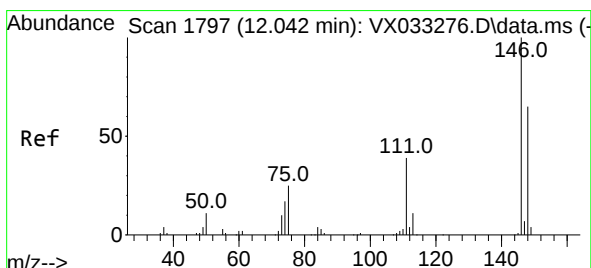
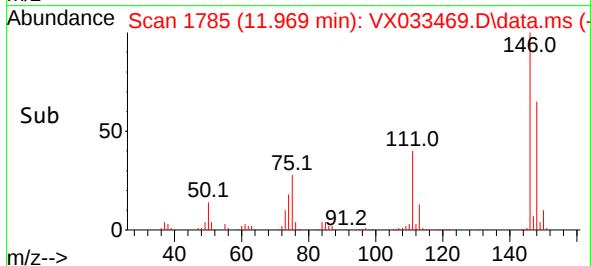
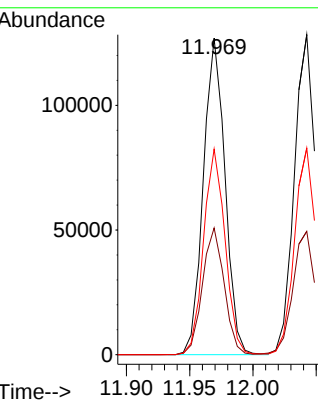
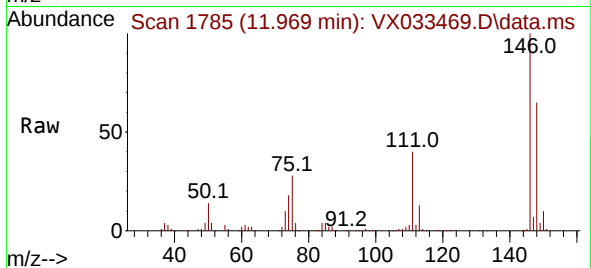
148 64.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#88

1,4-Dichlorobenzene

Concen: 49.566 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033469.D

Acq: 16 Dec 2022 18:32

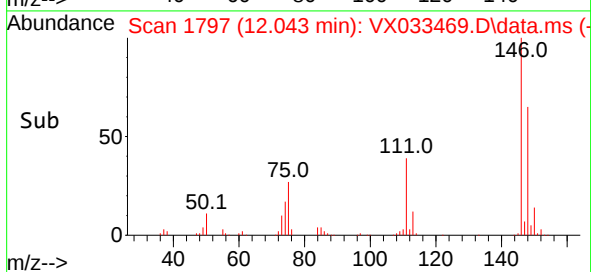
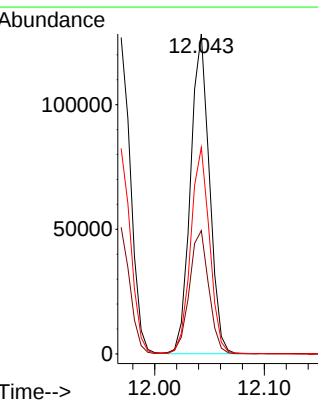
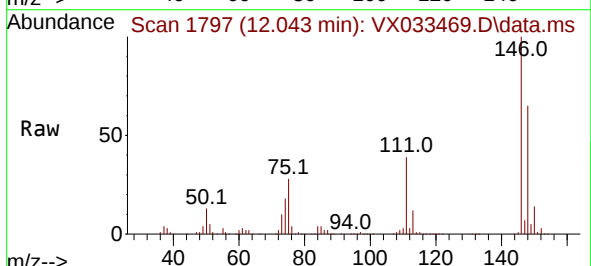
Tgt Ion:146 Resp: 153317

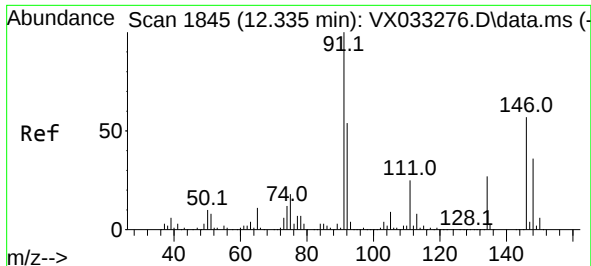
Ion Ratio Lower Upper

146 100

111 39.8 20.5 61.6

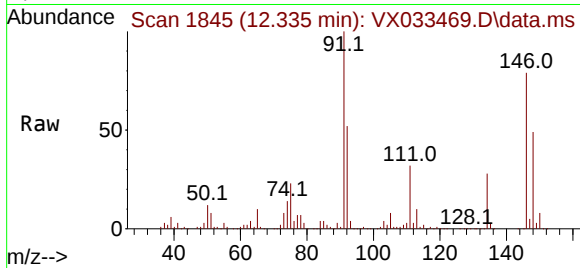
148 64.5 32.2 96.6





#89
n-Butylbenzene
Concen: 43.055 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

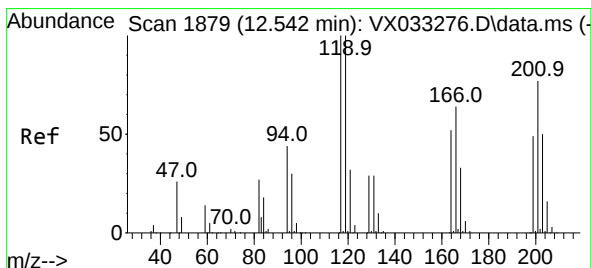
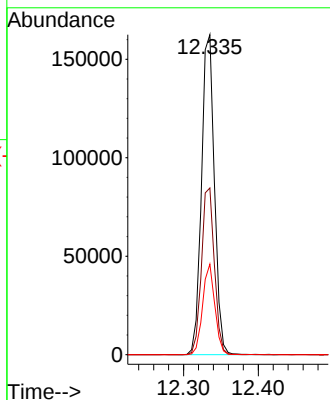
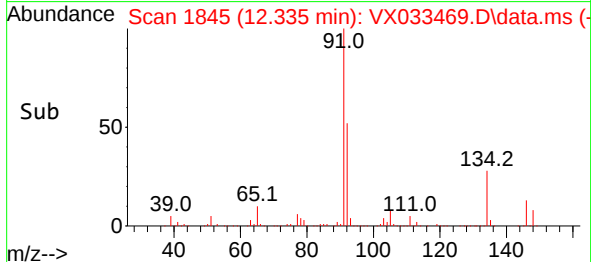
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 194924
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 26.7 12.9 38.6

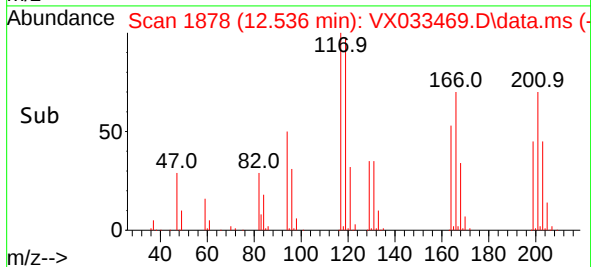
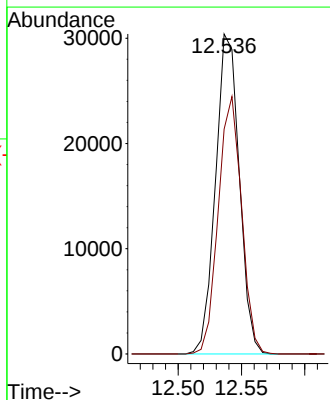
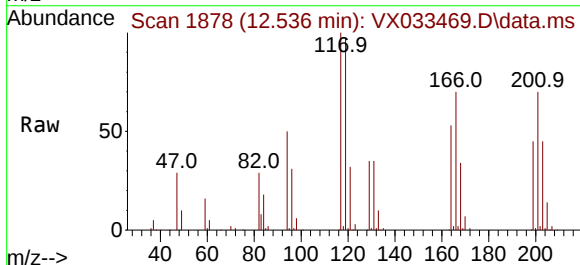
Manual Integrations
APPROVED

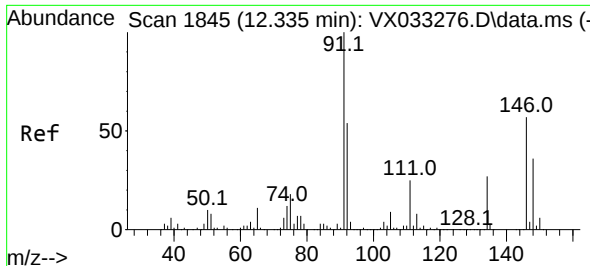
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#90
Hexachloroethane
Concen: 42.192 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

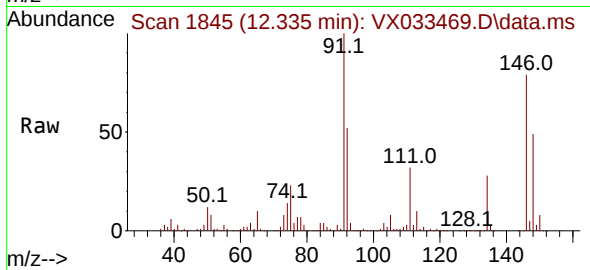
Tgt Ion:117 Resp: 39643
Ion Ratio Lower Upper
117 100
201 79.0 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 50.714 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

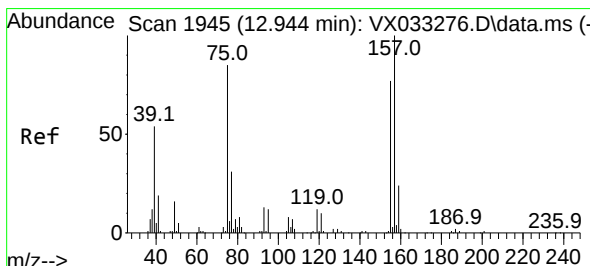
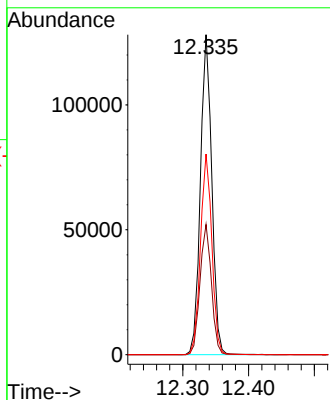
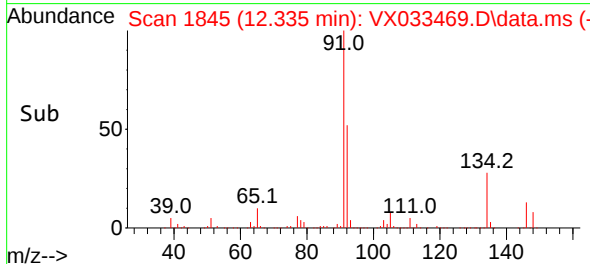
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



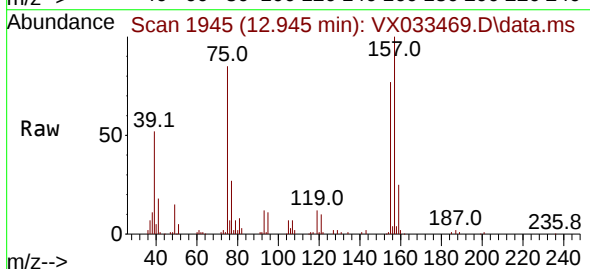
Tgt Ion:146 Resp: 153539
Ion Ratio Lower Upper
146 100
111 41.1 21.5 64.5
148 62.8 32.0 96.2

Manual Integrations
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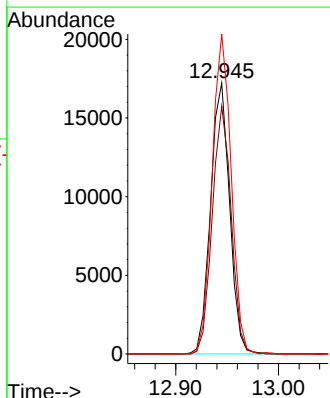
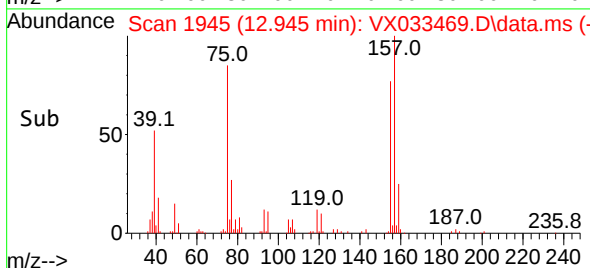
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

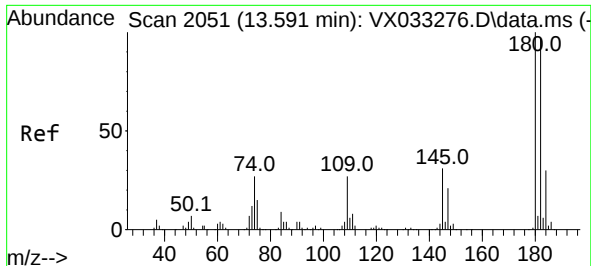


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.694 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



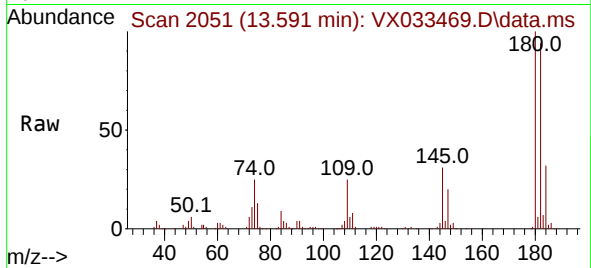
Tgt Ion: 75 Resp: 22090
Ion Ratio Lower Upper
75 100
155 91.0 41.6 124.8
157 118.1 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 47.156 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

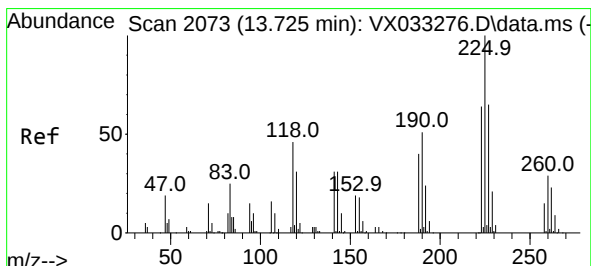
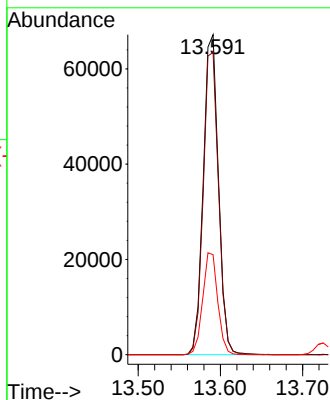
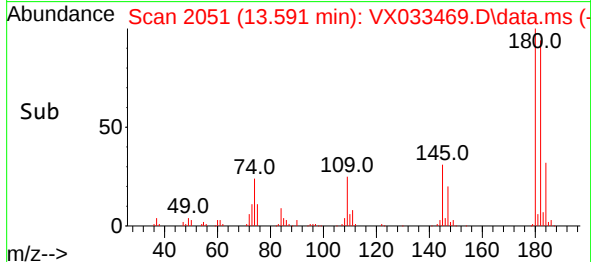
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



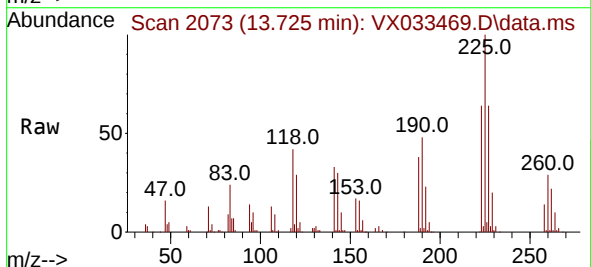
Tgt Ion:180 Resp: 86223
Ion Ratio Lower Upper
180 100
182 95.3 48.4 145.0
145 31.5 16.2 48.5

Manual Integrations
APPROVED

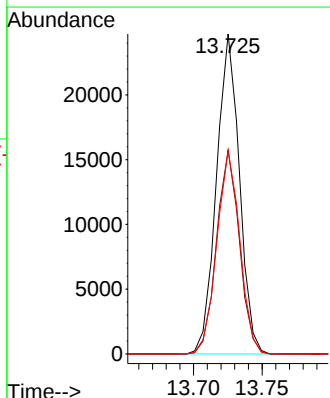
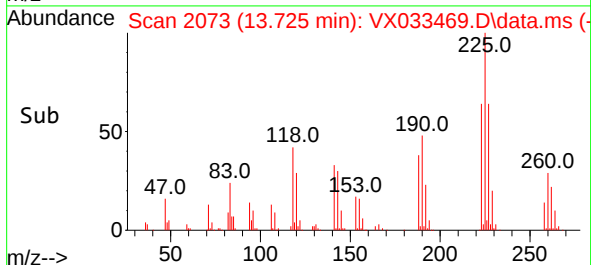
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

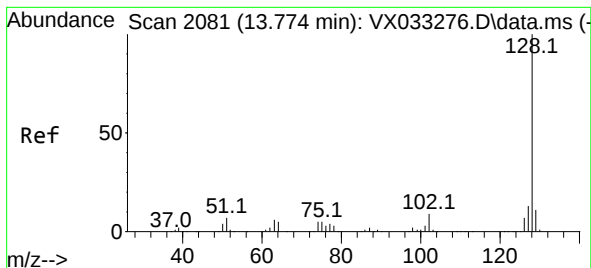


#94
Hexachlorobutadiene
Concen: 39.151 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



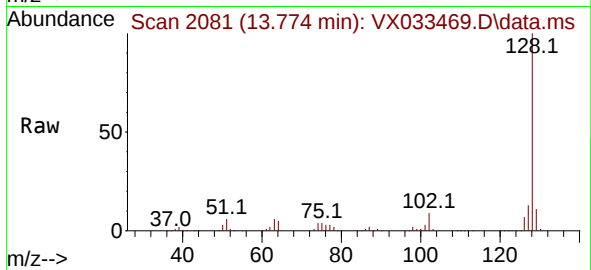
Tgt Ion:225 Resp: 28666
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.9
227 63.8 31.9 95.5





#95
Naphthalene
Concen: 52.220 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32

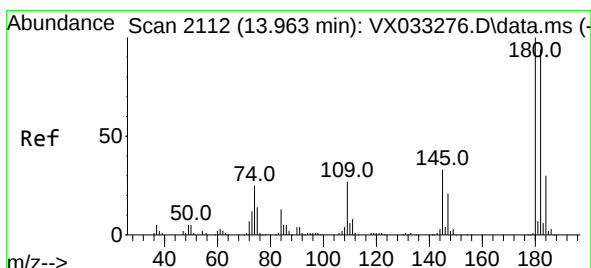
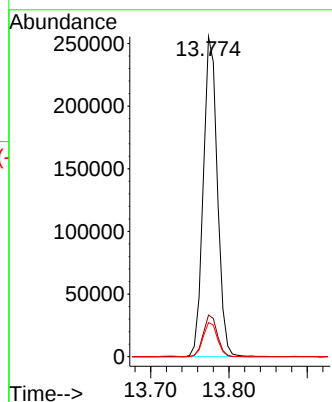
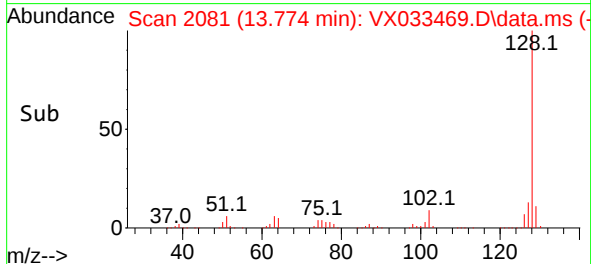
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



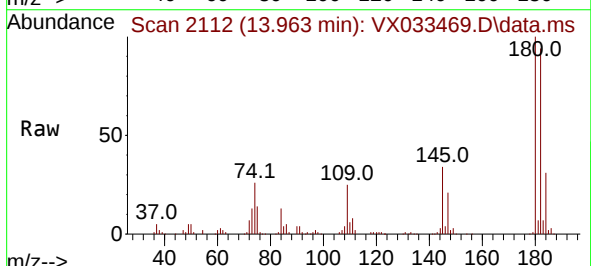
Tgt Ion:128 Resp: 318500
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.493 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033469.D
Acq: 16 Dec 2022 18:32



Tgt Ion:180 Resp: 87951
Ion Ratio Lower Upper
180 100
182 92.9 47.5 142.6
145 33.6 16.9 50.6

