

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033525.D
 Acq On : 21 Dec 2022 11:11
 Operator : JC/MD
 Sample : VX1221WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 03:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40410	40.662	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.320%		
35) Dibromofluoromethane	5.385	113	51279	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.647	98	107428	48.364	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	86507	50.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19951	18.437	ug/l	95
3) Chloromethane	1.294	50	19785	15.813	ug/l	92
4) Vinyl Chloride	1.374	62	24066	16.846	ug/l	100
5) Bromomethane	1.618	94	13801	13.164	ug/l	99
6) Chloroethane	1.691	64	13593	12.544	ug/l	97
7) Trichlorofluoromethane	1.892	101	34164	12.738	ug/l	100
8) Diethyl Ether	2.130	74	11852	12.235	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	26844	18.868	ug/l	97
10) Methyl Iodide	2.453	142	30722	19.716	ug/l	95
11) Tert butyl alcohol	2.989	59	26064m	85.783	ug/l	
12) 1,1-Dichloroethene	2.319	96	22266	15.855	ug/l	96
13) Acrolein	2.239	56	17554	53.271	ug/l	100
14) Allyl chloride	2.666	41	39635	17.673	ug/l	93
15) Acrylonitrile	3.062	53	64620	85.858	ug/l	99
16) Acetone	2.386	43	73186	99.521	ug/l	98
17) Carbon Disulfide	2.514	76	62281	17.279	ug/l	98
18) Methyl Acetate	2.703	43	38026	17.862	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	92782	19.073	ug/l	99
20) Methylene Chloride	2.788	84	29707	18.114	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	28173	18.339	ug/l	97
22) Diisopropyl ether	3.757	45	86182	17.936	ug/l	96
23) Vinyl Acetate	3.721	43	324925	87.122	ug/l	96
24) 1,1-Dichloroethane	3.611	63	51379	18.198	ug/l	99
25) 2-Butanone	4.562	43	93165	88.260	ug/l	95
26) 2,2-Dichloropropane	4.477	77	41653	20.062	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	35276	19.214	ug/l	93
28) Bromochloromethane	4.897	49	19970	16.897	ug/l	83
29) Tetrahydrofuran	5.007	42	56094	82.019	ug/l	95
30) Chloroform	5.086	83	58875	18.784	ug/l	98
31) Cyclohexane	5.471	56	42391	17.949	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	52235	19.370	ug/l	96
36) 1,1-Dichloropropene	5.696	75	40426	19.528	ug/l	97
37) Ethyl Acetate	4.708	43	33654	17.198	ug/l	98
38) Carbon Tetrachloride	5.672	117	46925	20.231	ug/l	95
39) Methylcyclohexane	7.379	83	47161	20.353	ug/l	96
40) Benzene	6.037	78	118605	19.650	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19375	17.967	ug/l	95
42) 1,2-Dichloroethane	6.086	62	43337	18.081	ug/l	95
43) Isopropyl Acetate	6.336	43	57435	18.241	ug/l	96
44) Trichloroethene	7.123	130	34655	20.824	ug/l	99
45) 1,2-Dichloropropane	7.427	63	30041	19.461	ug/l	98
46) Dibromomethane	7.580	93	22715	19.317	ug/l	94
47) Bromodichloromethane	7.818	83	45297	19.761	ug/l	99
48) Methyl methacrylate	7.690	41	28606	17.603	ug/l	89
49) 1,4-Dioxane	7.690	88	13697	369.628	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	181058	90.930	ug/l	95
52) Toluene	8.720	92	79495	20.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	44734	19.761	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48510	19.887	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	32762	19.971	ug/l	99
56) Ethyl methacrylate	9.116	69	46043	19.934	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	52054	19.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97920	92.653	ug/l	96
59) 2-Hexanone	9.427	43	138660	94.496	ug/l	93
60) Dibromochloromethane	9.519	129	37143	20.550	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34492	19.767	ug/l	99
64) Tetrachloroethene	9.275	164	30268	21.019	ug/l	94
65) Chlorobenzene	10.079	112	88223	20.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	34025	21.112	ug/l	99
67) Ethyl Benzene	10.195	91	153731	20.692	ug/l	96
68) m/p-Xylenes	10.299	106	119776	41.436	ug/l	98
69) o-Xylene	10.640	106	59613	20.864	ug/l	96
70) Styrene	10.653	104	98500	21.049	ug/l	97
71) Bromoform	10.799	173	26919	21.102	ug/l #	99
73) Isopropylbenzene	10.963	105	157236	20.139	ug/l	99
74) N-amyl acetate	10.842	43	48410	18.174	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	47734	19.272	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42635m	19.455	ug/l	
77) Bromobenzene	11.195	156	39404	19.987	ug/l	98
78) n-propylbenzene	11.305	91	174757	20.046	ug/l	98
79) 2-Chlorotoluene	11.366	91	107073	19.874	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	133452	20.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12228	17.357	ug/l	95
82) 4-Chlorotoluene	11.457	91	123940	19.784	ug/l	97
83) tert-Butylbenzene	11.713	119	131367	20.271	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	132939	20.492	ug/l	100
85) sec-Butylbenzene	11.890	105	157544	20.836	ug/l	98
86) p-Isopropyltoluene	12.006	119	135790	20.830	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	72830	20.393	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	72614	19.906	ug/l	98
89) n-Butylbenzene	12.335	91	110212	20.642	ug/l	98
90) Hexachloroethane	12.536	117	21801	19.675	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	72480	20.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9142	17.088	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	44963	20.851	ug/l	98
94) Hexachlorobutadiene	13.725	225	20204	23.398	ug/l	98
95) Naphthalene	13.774	128	143535	19.955	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44687	20.461	ug/l	98

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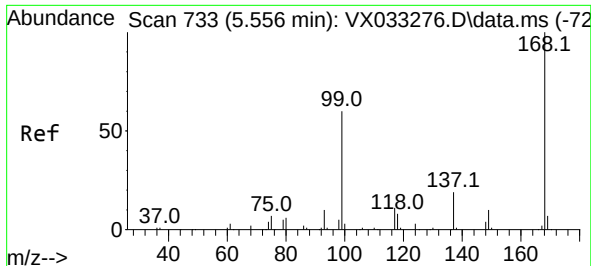
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2022
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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

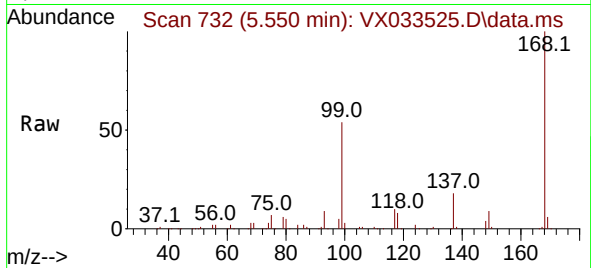
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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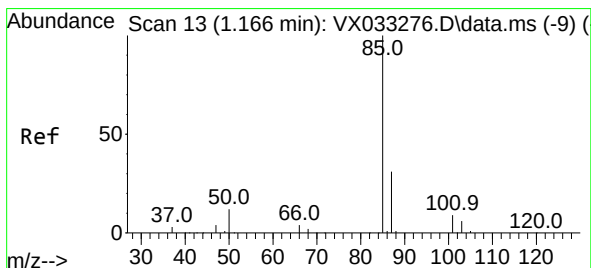
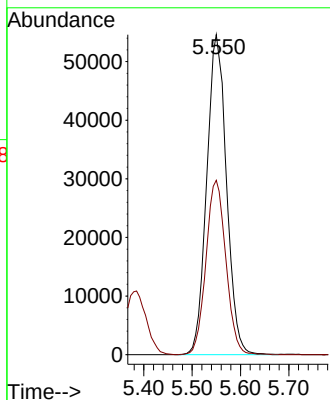
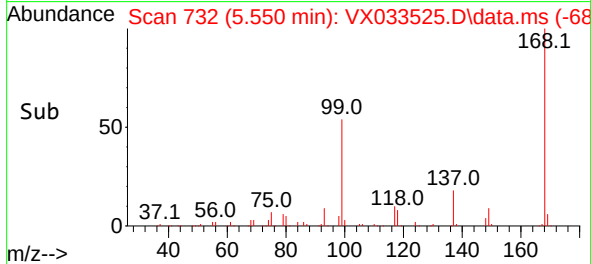
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 15490
Ion Ratio Lower Upper
168 100
99 54.5 46.1 69.1

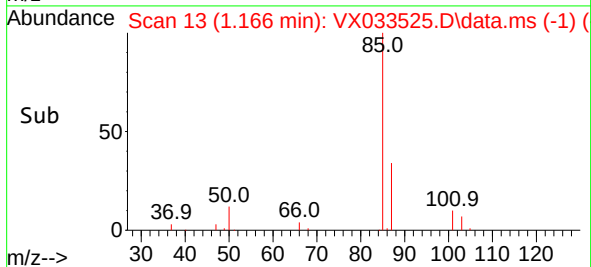
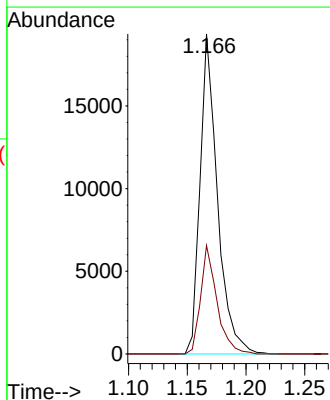
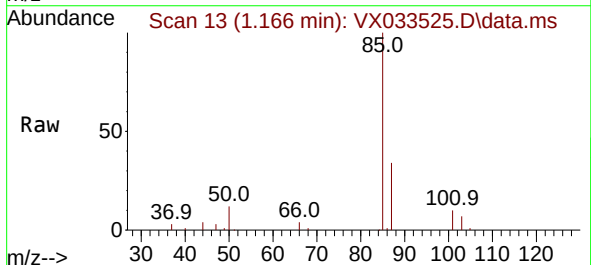
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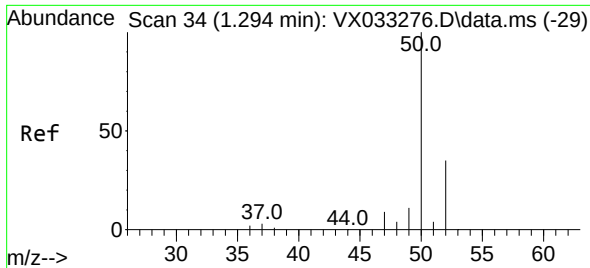
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#2
Dichlorodifluoromethane
Concen: 18.437 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 85 Resp: 19951
Ion Ratio Lower Upper
85 100
87 33.9 15.6 46.7





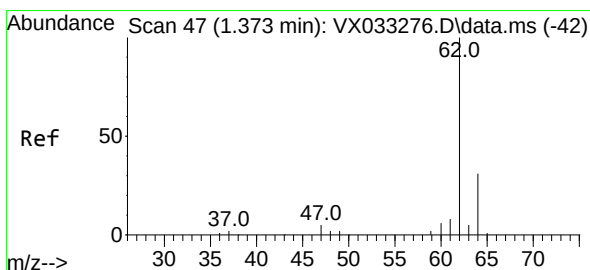
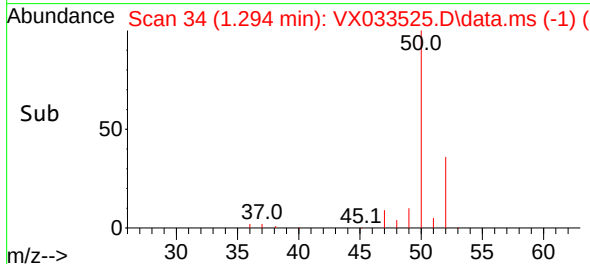
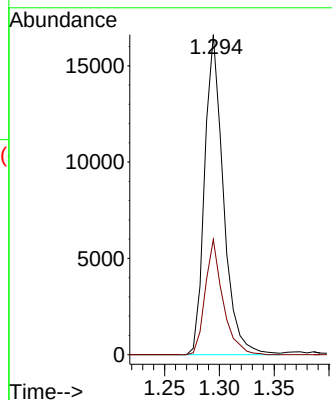
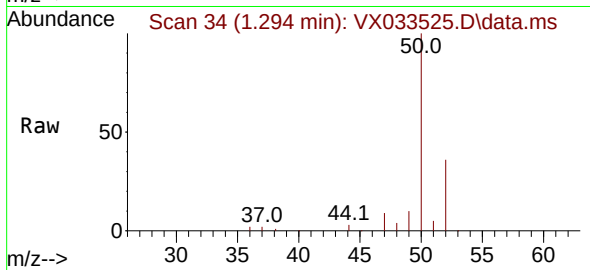
#3
Chloromethane
Concen: 15.813 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
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Tgt Ion: 50 Resp: 1978
Ion Ratio Lower Upper
50 100
52 36.0 25.4 38.2

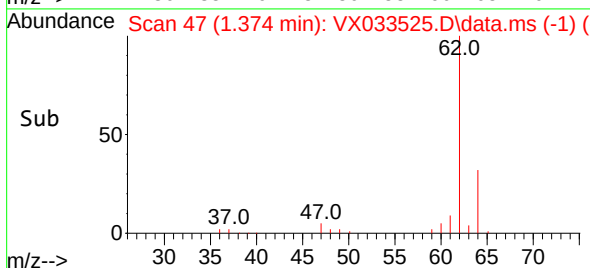
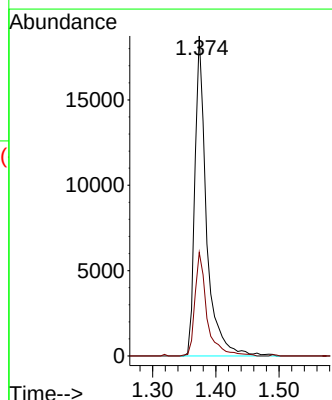
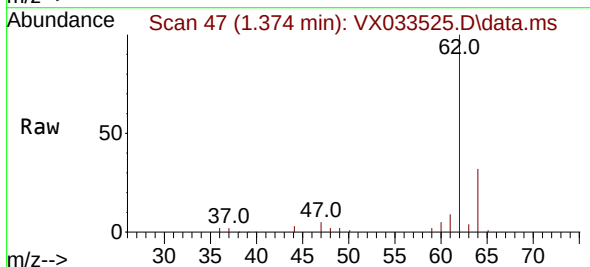
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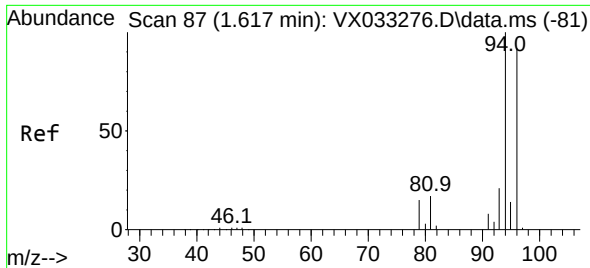
Reviewed By :John Carlone 12/22/2022
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#4
Vinyl Chloride
Concen: 16.846 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 62 Resp: 24066
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





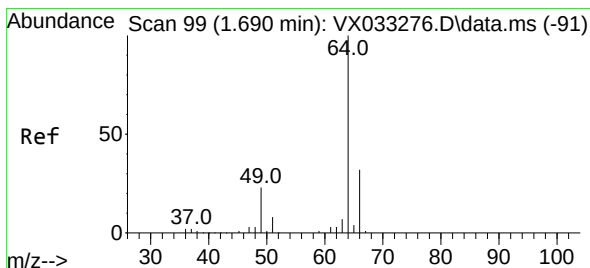
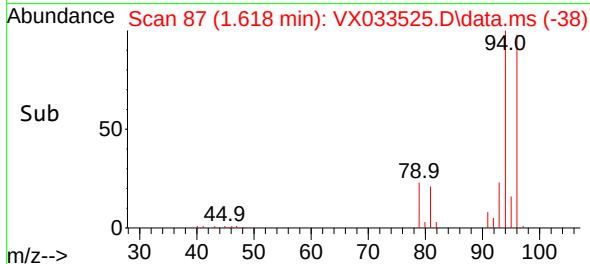
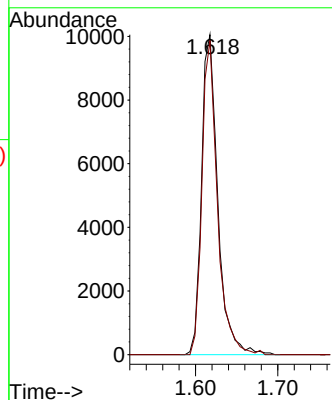
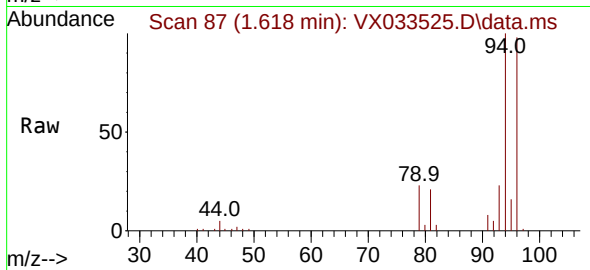
#5
Bromomethane
Concen: 13.164 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033525.D
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Instrument :
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Tgt Ion: 94 Resp: 1380
Ion Ratio Lower Upper
94 100
96 98.2 77.6 116.4

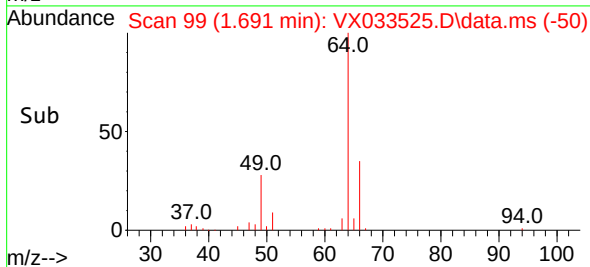
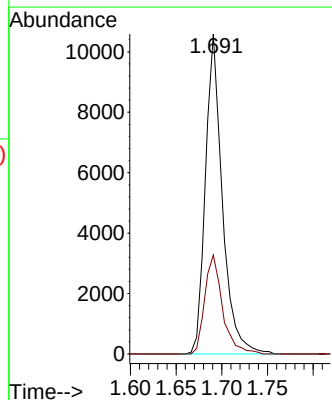
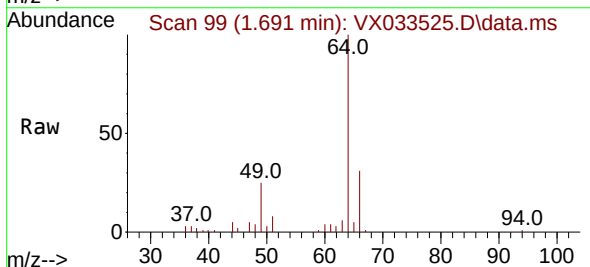
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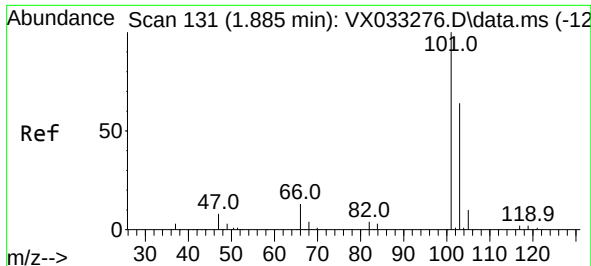
Reviewed By :John Carlone 12/22/2022
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#6
Chloroethane
Concen: 12.544 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

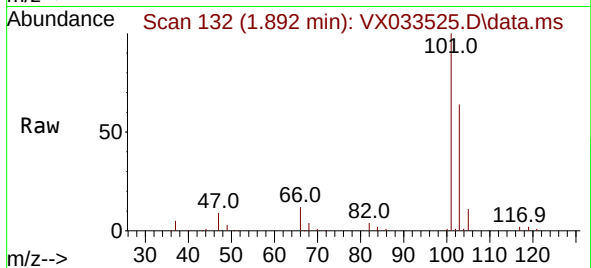
Tgt Ion: 64 Resp: 13593
Ion Ratio Lower Upper
64 100
66 30.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 12.738 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033525.D
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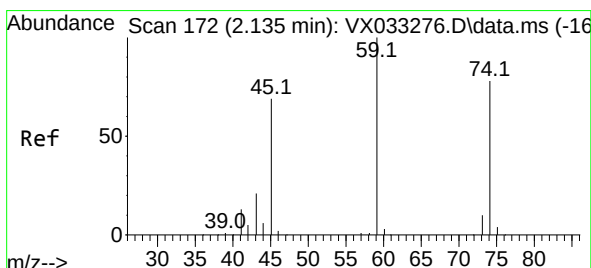
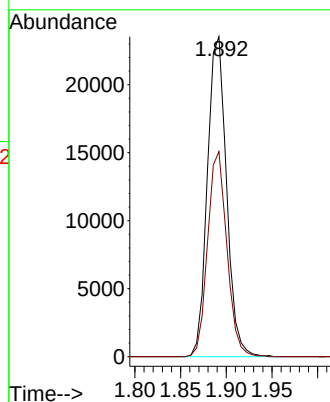
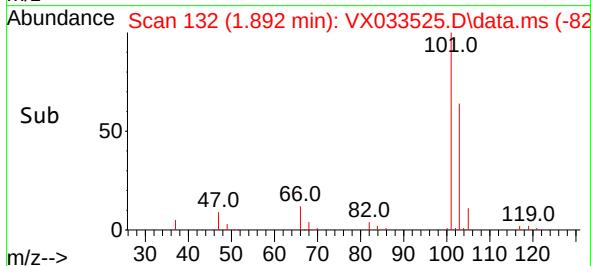
Instrument :
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Tgt Ion:101 Resp: 3416
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

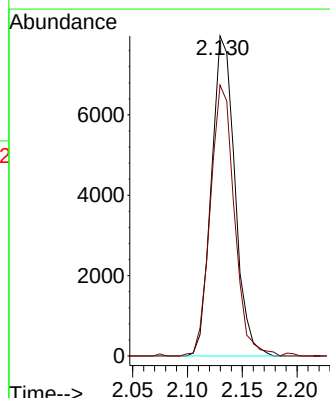
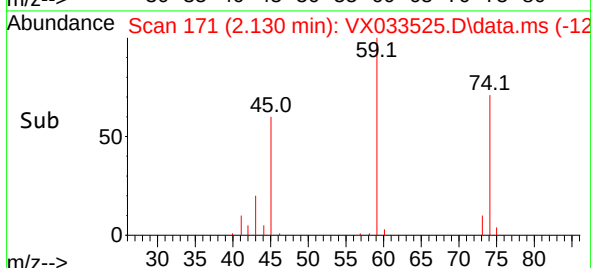
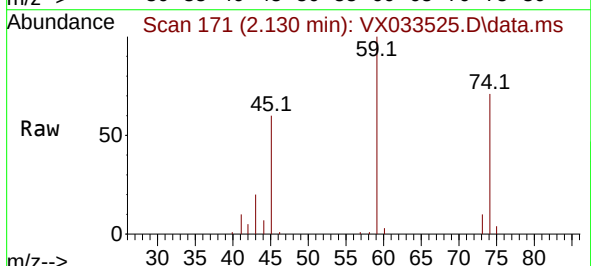
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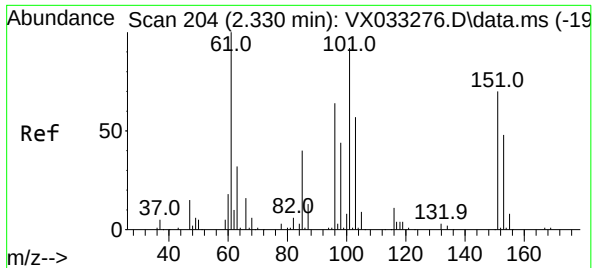
Reviewed By :John Carlone 12/22/2022
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#8
Diethyl Ether
Concen: 12.235 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 74 Resp: 11852
Ion Ratio Lower Upper
74 100
45 86.6 46.6 139.7





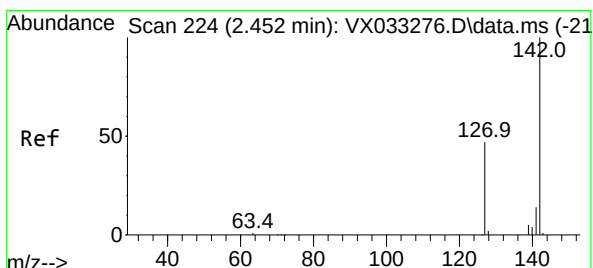
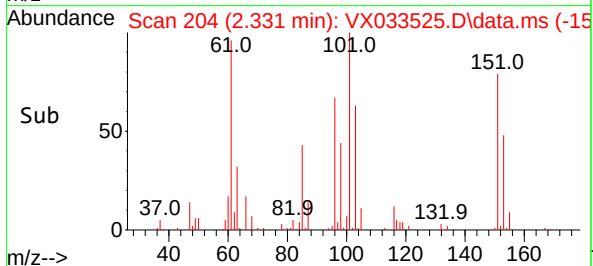
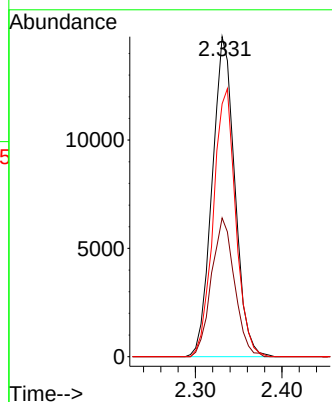
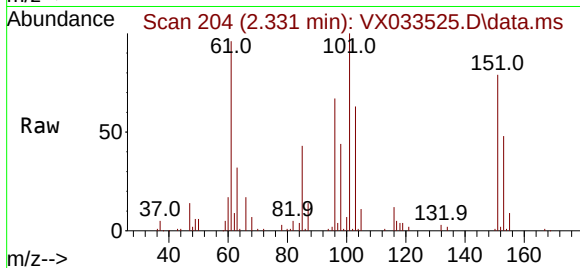
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.868 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033525.D
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ClientSampleId :
VX1221WBS01

Tgt Ion:101 Resp: 2684
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.4
151 82.7 64.4 96.6

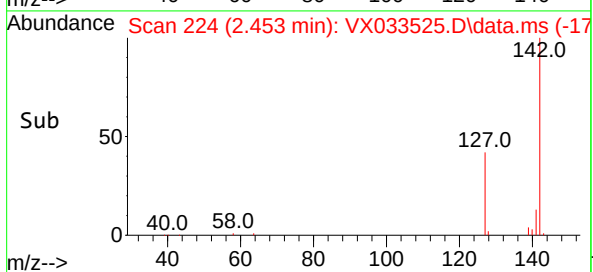
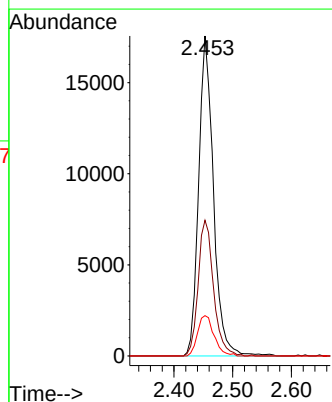
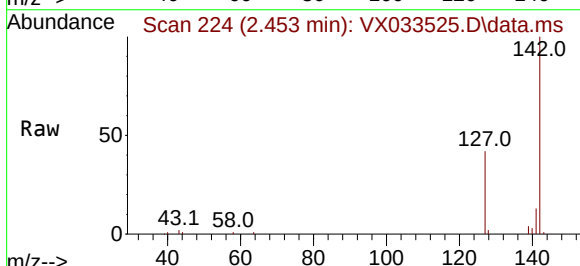
Manual Integrations
APPROVED

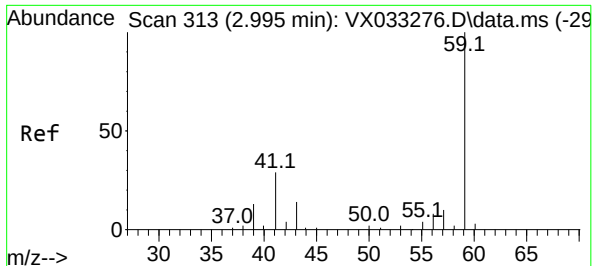
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 19.716 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

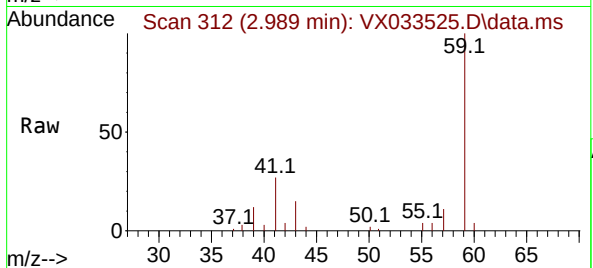
Tgt Ion:142 Resp: 30722
Ion Ratio Lower Upper
142 100
127 44.1 38.6 57.8
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 85.783 ug/l m
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

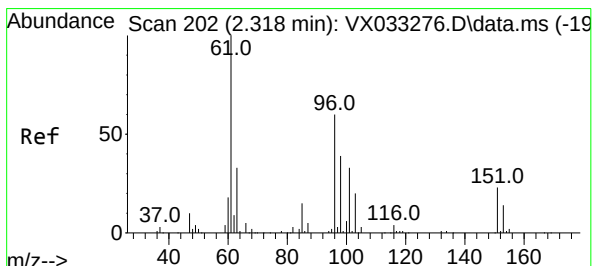
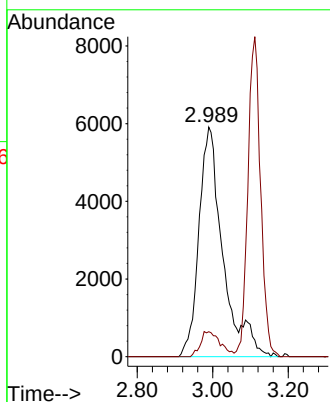
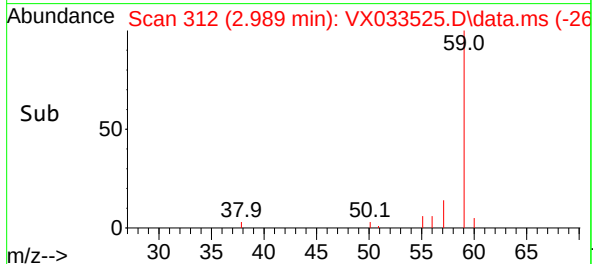
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



Tgt Ion: 59 Resp: 26064
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.4

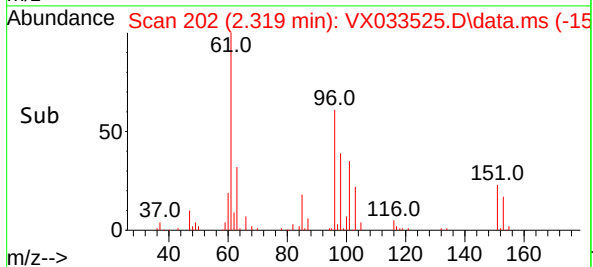
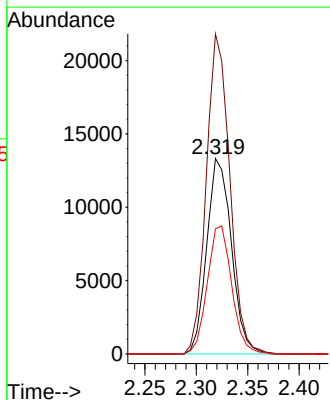
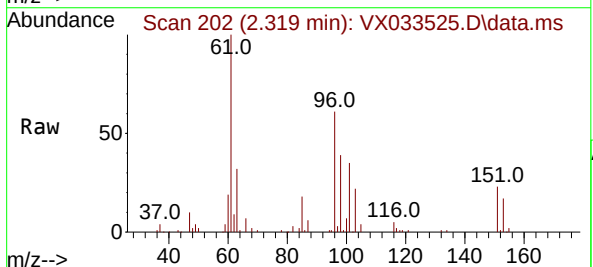
Manual Integrations
APPROVED

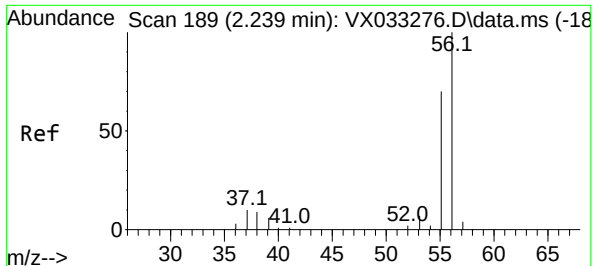
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#12
1,1-Dichloroethene
Concen: 15.855 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

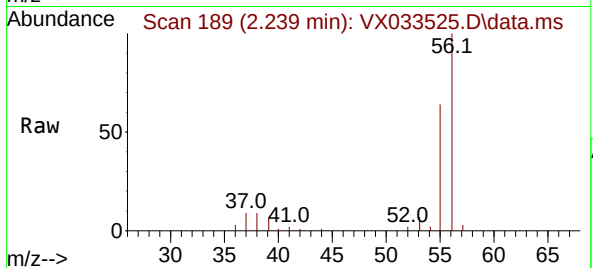
Tgt Ion: 96 Resp: 22266
Ion Ratio Lower Upper
96 100
61 163.7 125.1 187.7
98 64.0 50.6 76.0





#13
Acrolein
Concen: 53.271 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

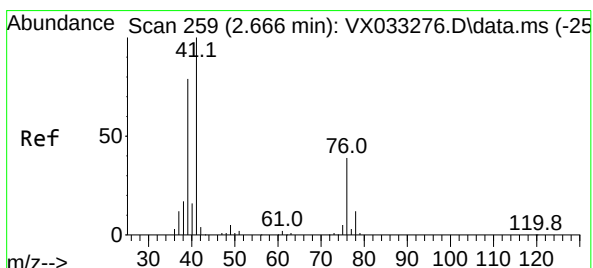
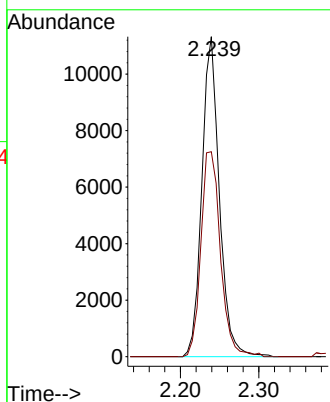
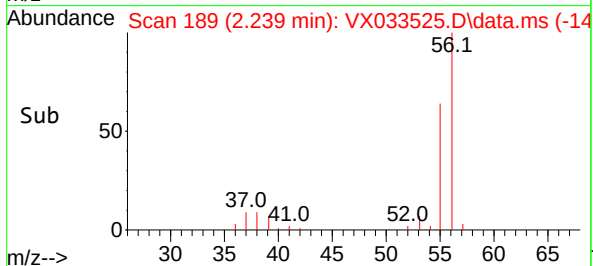
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



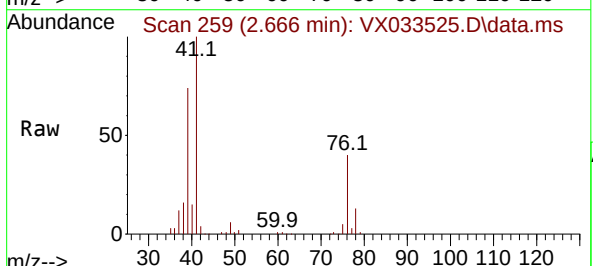
Tgt Ion: 56 Resp: 17554
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

Manual Integrations
APPROVED

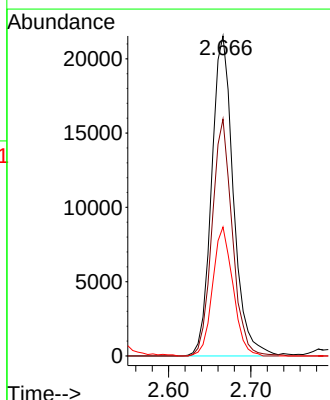
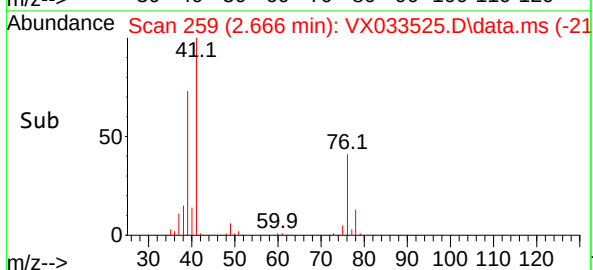
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

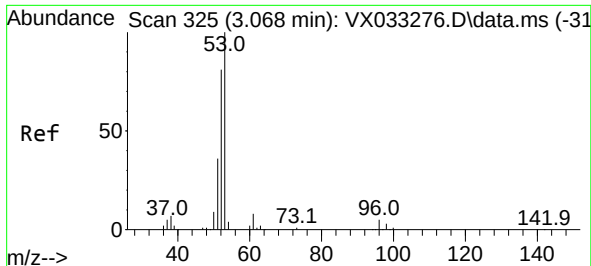


#14
Allyl chloride
Concen: 17.673 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11



Tgt Ion: 41 Resp: 39635
Ion Ratio Lower Upper
41 100
39 68.9 61.4 92.2
76 37.6 29.2 43.8





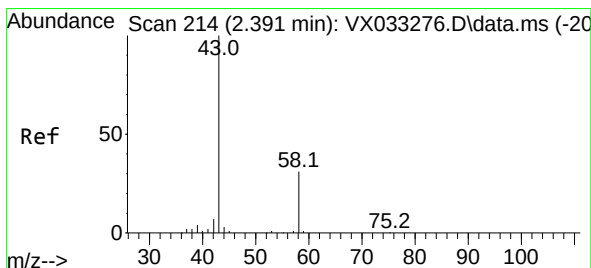
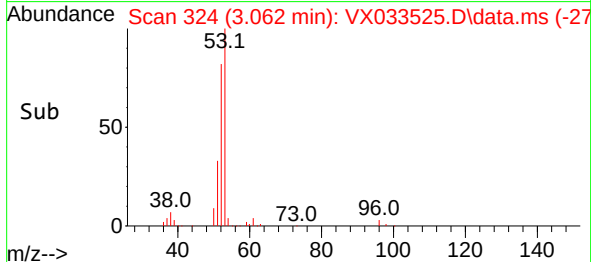
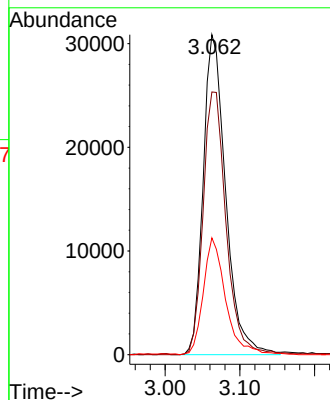
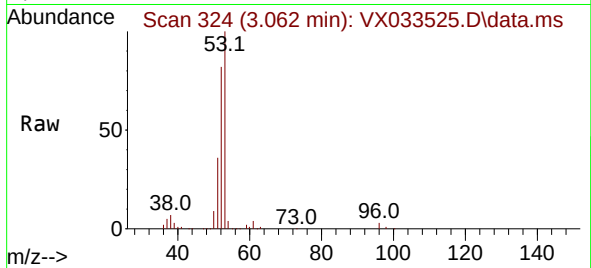
#15
Acrylonitrile
Concen: 85.858 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 53 Resp: 64620
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 36.2 30.3 45.5

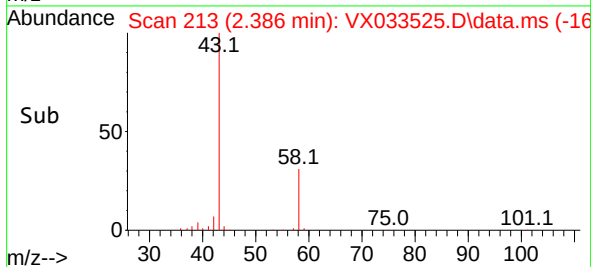
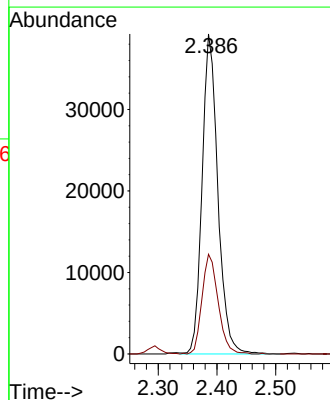
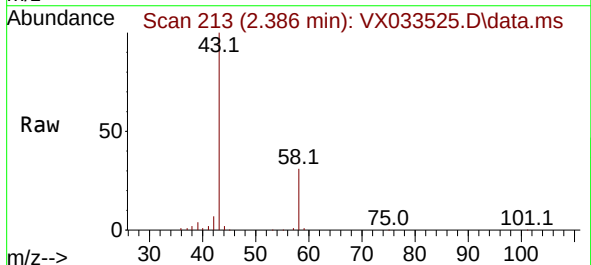
Manual Integrations
APPROVED

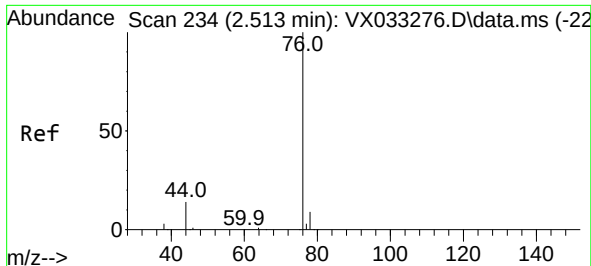
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 99.521 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 43 Resp: 73186
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.8





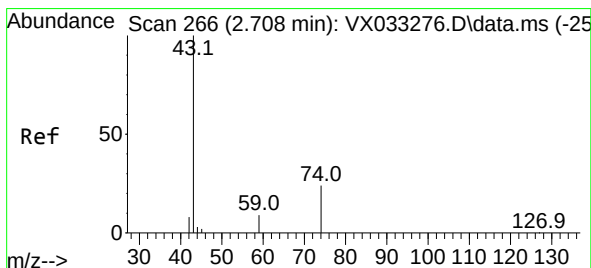
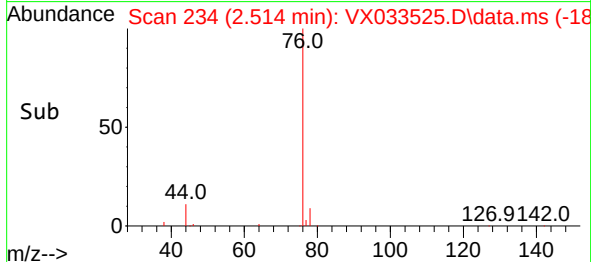
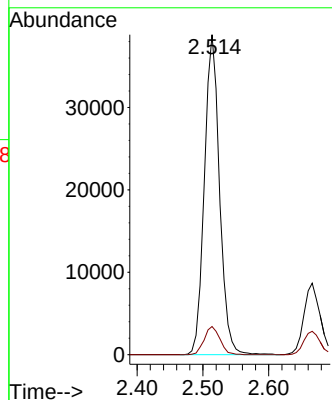
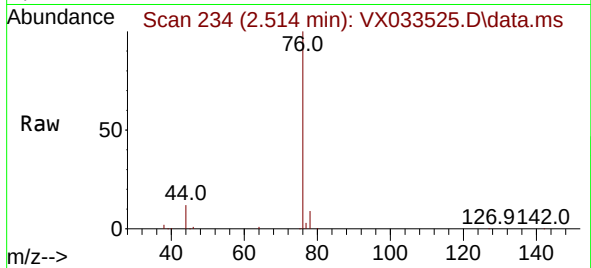
#17
Carbon Disulfide
Concen: 17.279 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 76 Resp: 6228
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

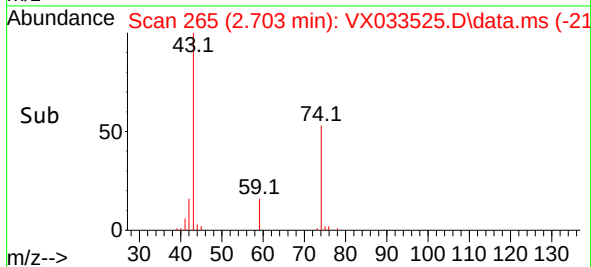
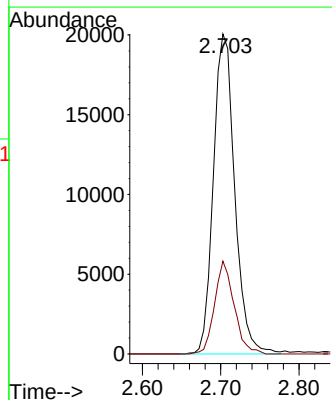
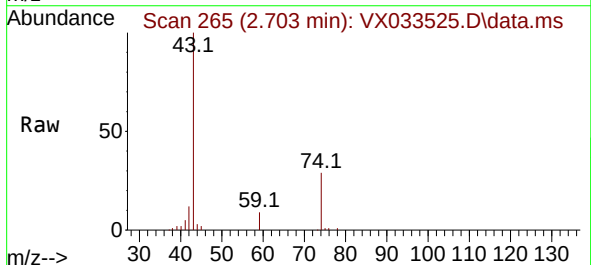
Manual Integrations
APPROVED

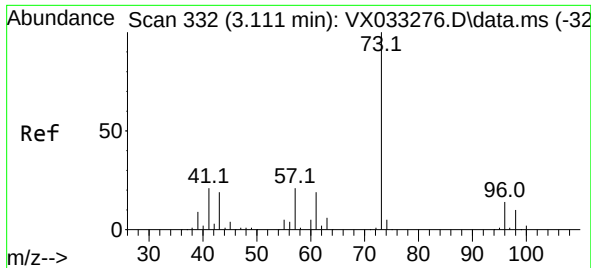
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 17.862 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 43 Resp: 38026
Ion Ratio Lower Upper
43 100
74 26.5 19.4 29.0





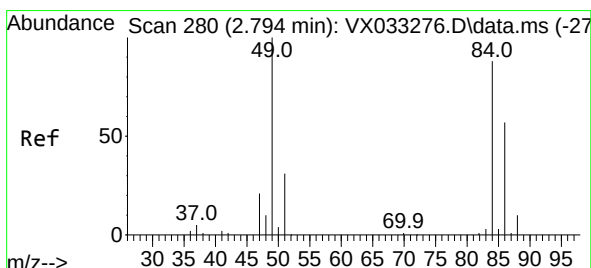
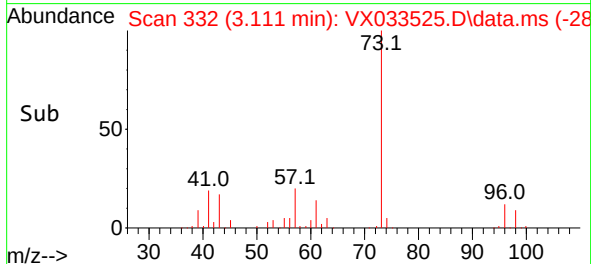
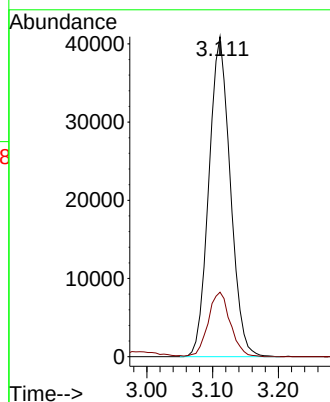
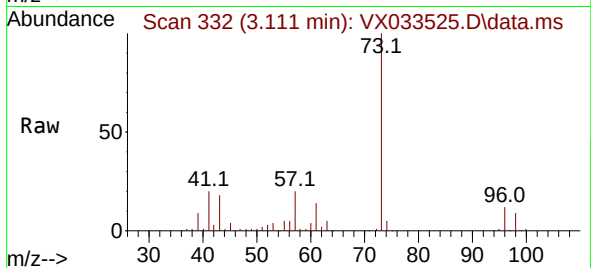
#19
Methyl tert-butyl Ether
Concen: 19.073 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 73 Resp: 9278
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

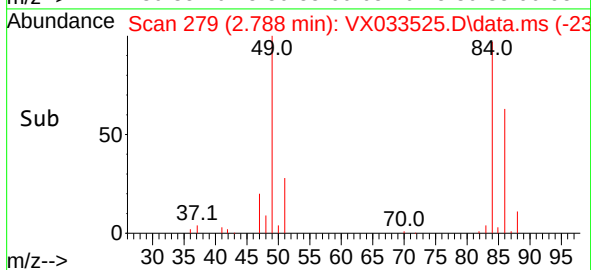
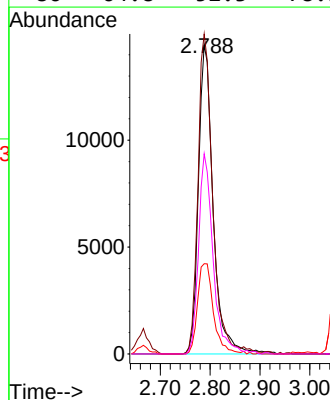
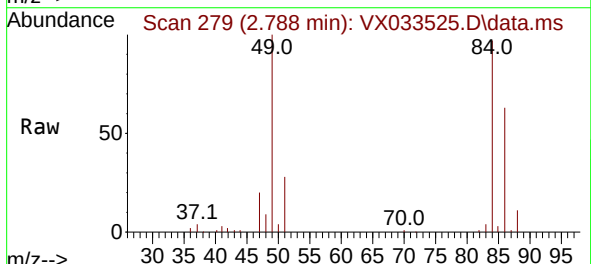
Manual Integrations
APPROVED

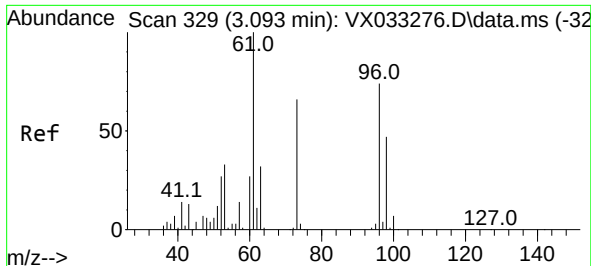
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 18.114 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

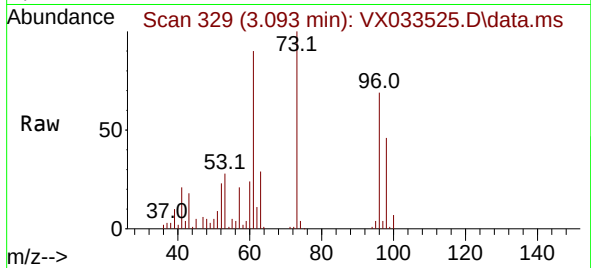
Tgt Ion: 84 Resp: 29707
Ion Ratio Lower Upper
84 100
49 103.6 101.0 151.6
51 29.2 31.1 46.7#
86 64.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.339 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

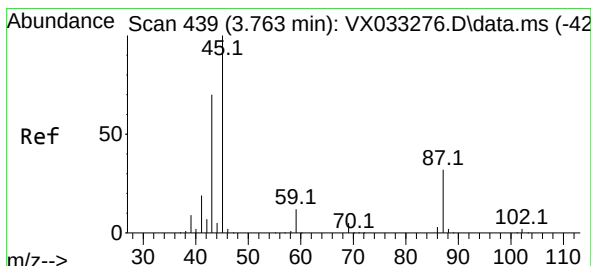
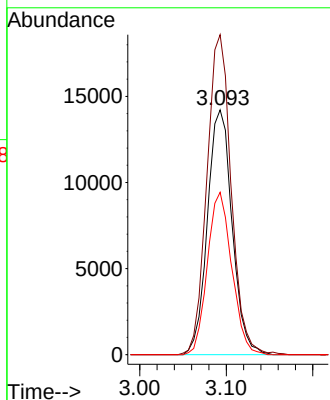
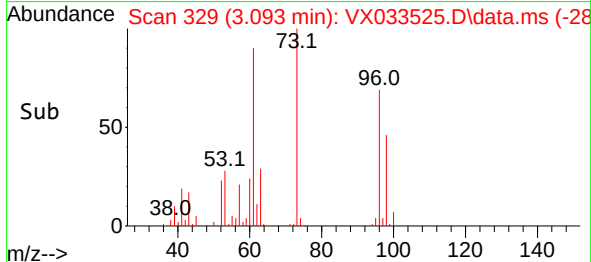
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



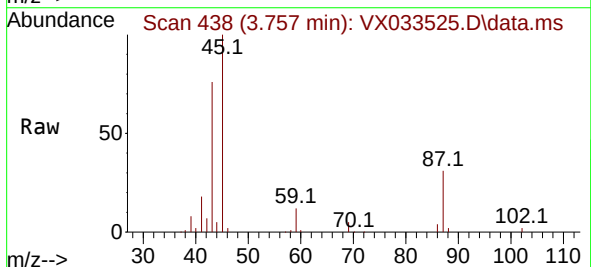
Tgt Ion: 96 Resp: 2817
Ion Ratio Lower Upper
96 100
61 130.7 106.6 160.0
98 66.4 51.0 76.6

Manual Integrations
APPROVED

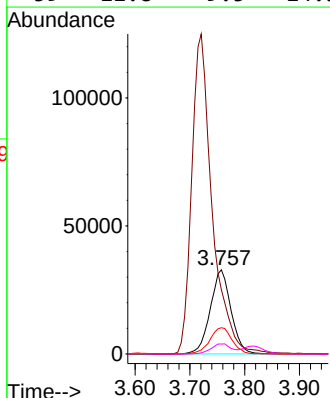
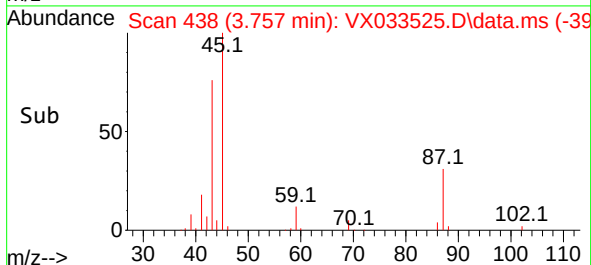
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

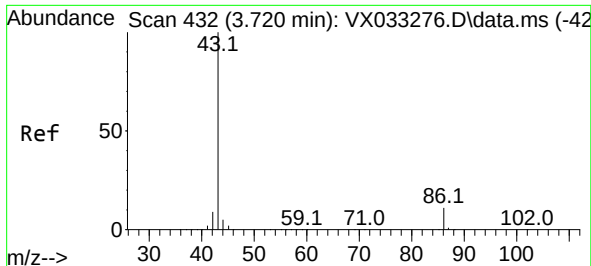


#22
Diisopropyl ether
Concen: 17.936 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11



Tgt Ion: 45 Resp: 86182
Ion Ratio Lower Upper
45 100
43 74.8 56.4 84.6
87 31.2 24.4 36.6
59 11.8 9.5 14.3





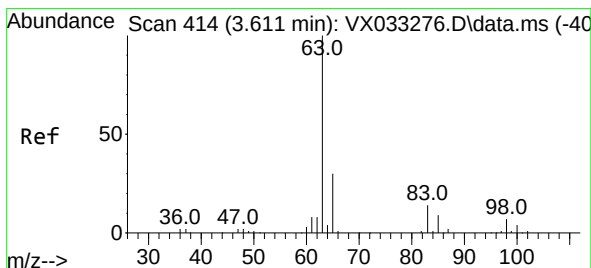
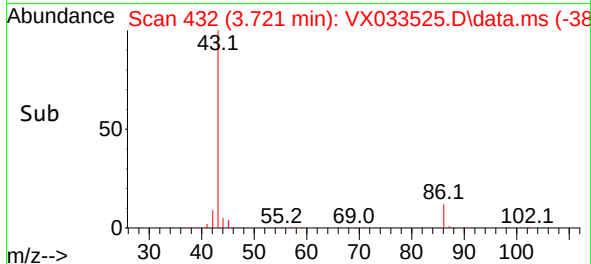
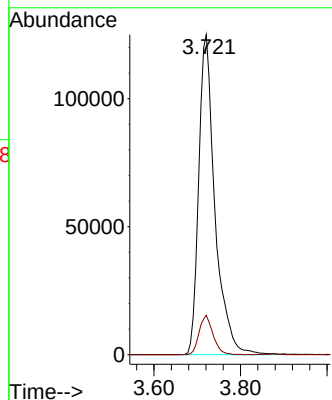
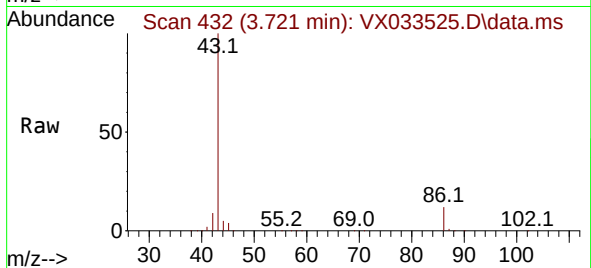
#23
 Vinyl Acetate
 Concen: 87.122 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033525.D
 Acq: 21 Dec 2022 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01

Tgt Ion: 43 Resp: 32492
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 12.8

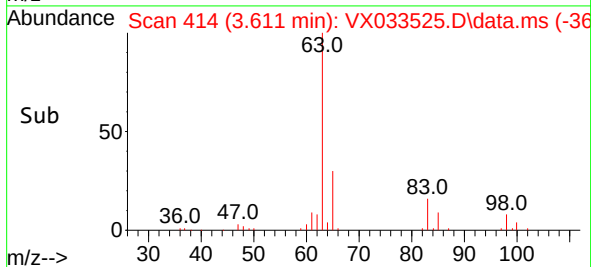
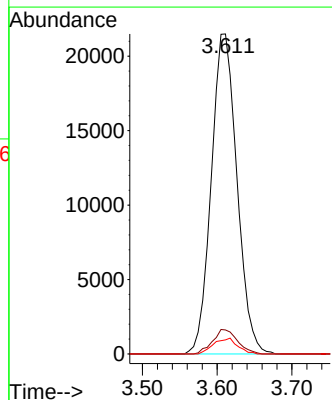
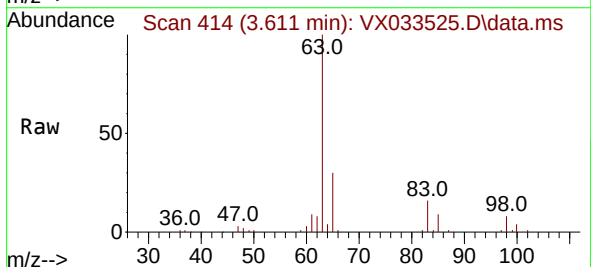
Manual Integrations
 APPROVED

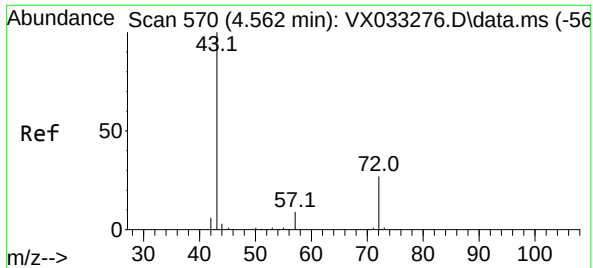
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 18.198 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033525.D
 Acq: 21 Dec 2022 11:11

Tgt Ion: 63 Resp: 51379
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.4 2.3 6.8





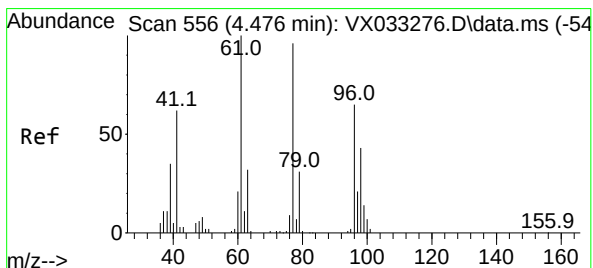
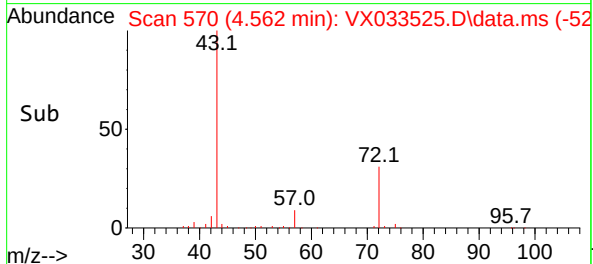
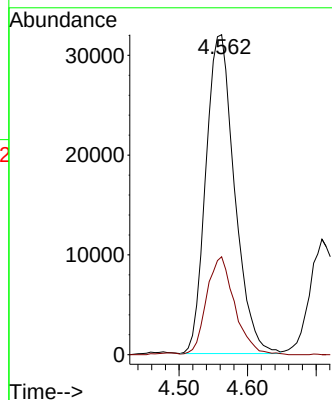
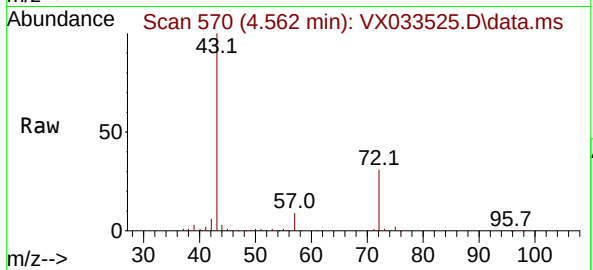
#25
2-Butanone
Concen: 88.260 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 43 Resp: 9316
Ion Ratio Lower Upper
43 100
72 30.5 22.2 33.2

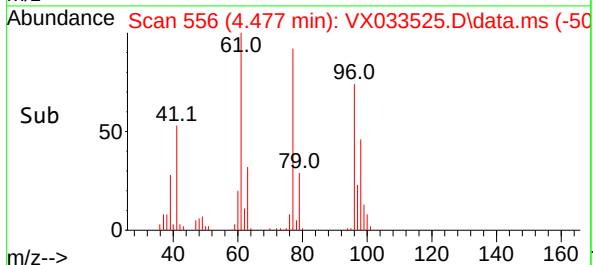
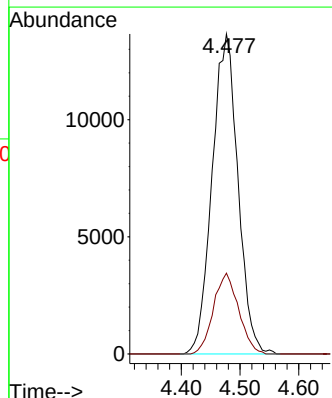
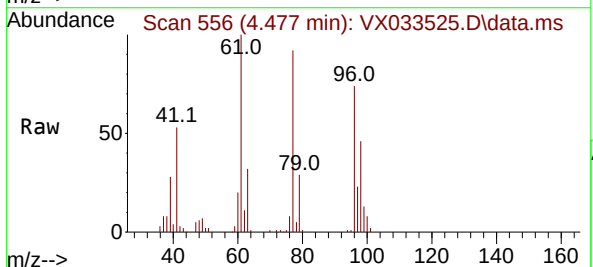
Manual Integrations
APPROVED

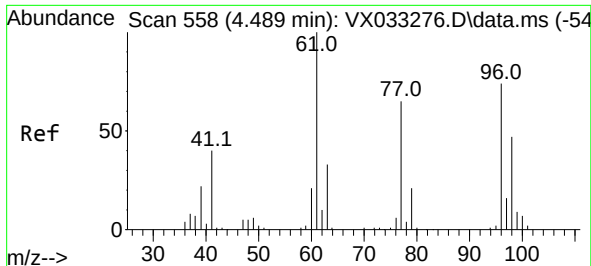
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#26
2,2-Dichloropropane
Concen: 20.062 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 77 Resp: 41653
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.214 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 96 Resp: 35270

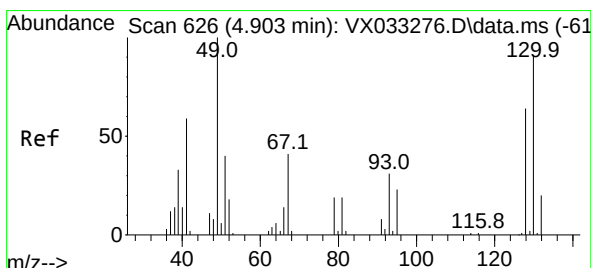
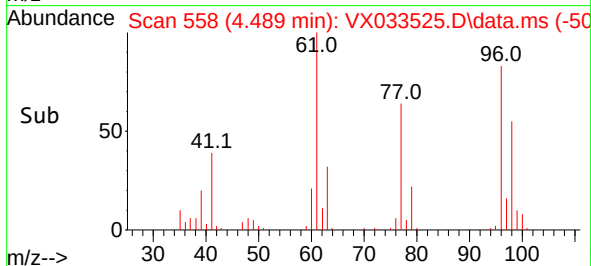
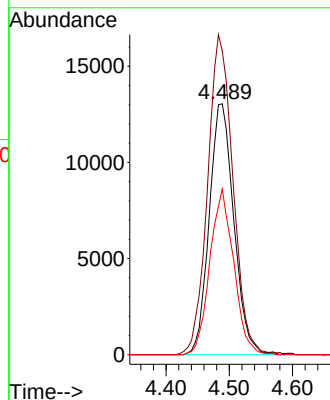
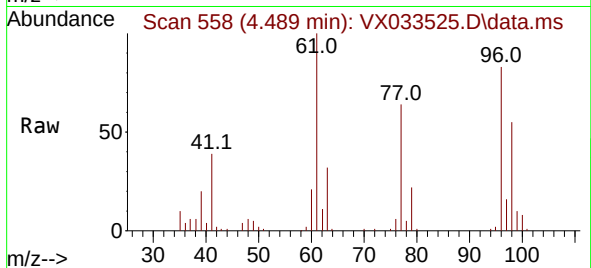
Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	286.0
98	63.8	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 16.897 ug/l

RT: 4.897 min Scan# 625

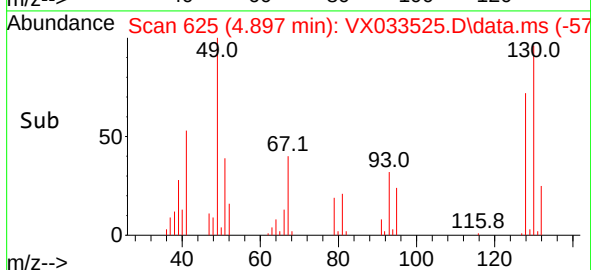
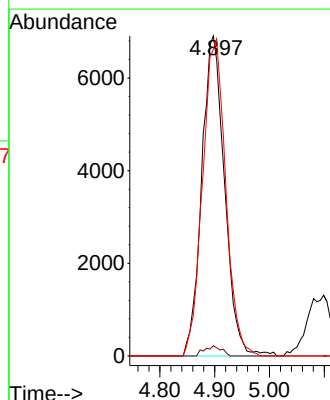
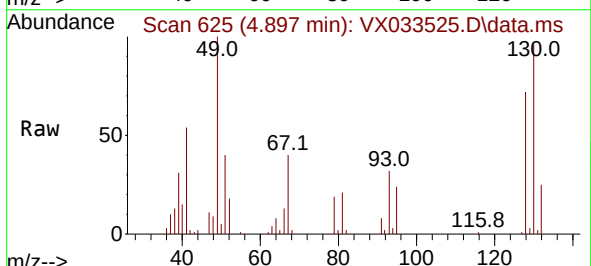
Delta R.T. -0.006 min

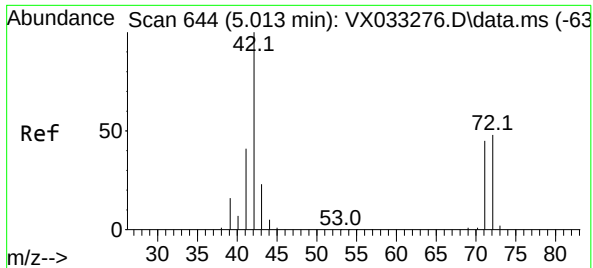
Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Tgt Ion: 49 Resp: 19970

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	100.3	67.5	101.3





#29

Tetrahydrofuran

Concen: 82.019 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 42 Resp: 56094

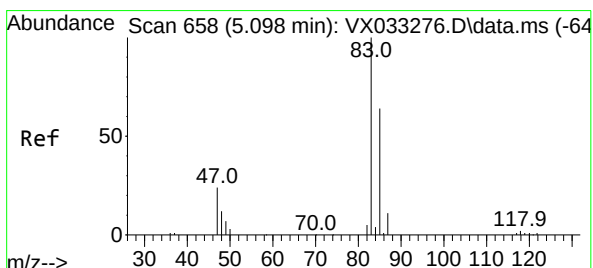
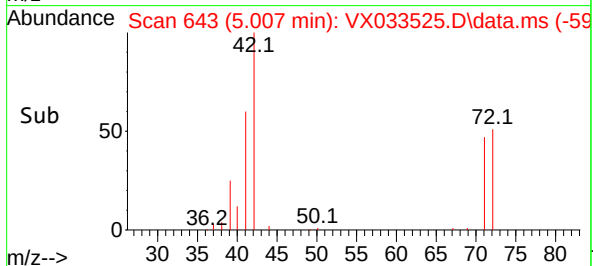
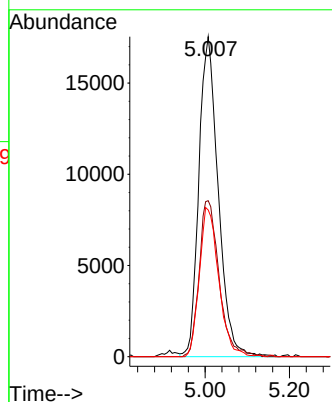
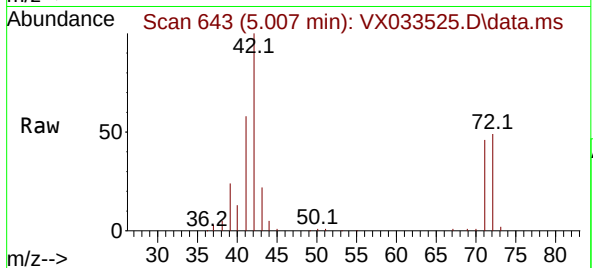
Ion	Ratio	Lower	Upper
42	100		
72	50.4	37.6	56.4
71	46.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#30

Chloroform

Concen: 18.784 ug/l

RT: 5.086 min Scan# 656

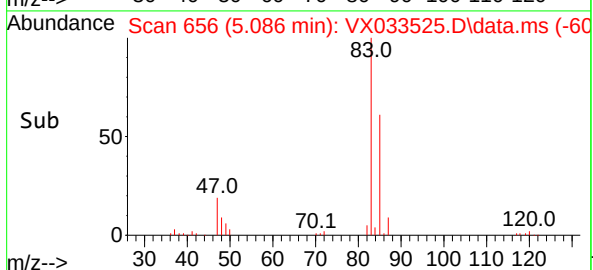
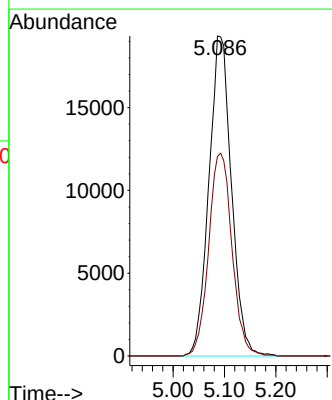
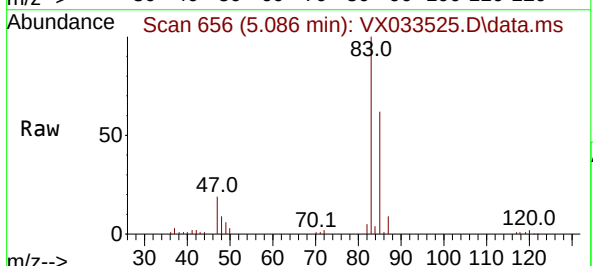
Delta R.T. -0.012 min

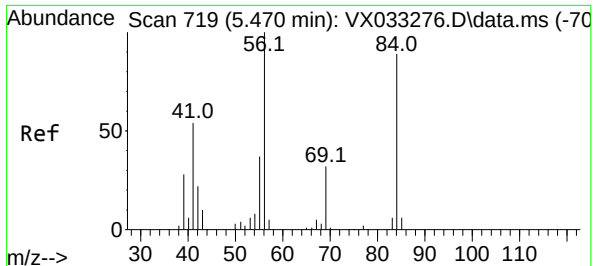
Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Tgt Ion: 83 Resp: 58875

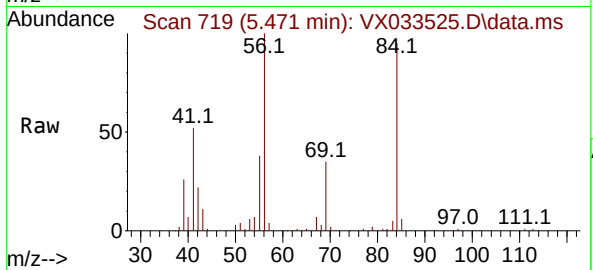
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.1	76.7





#31
Cyclohexane
Concen: 17.949 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

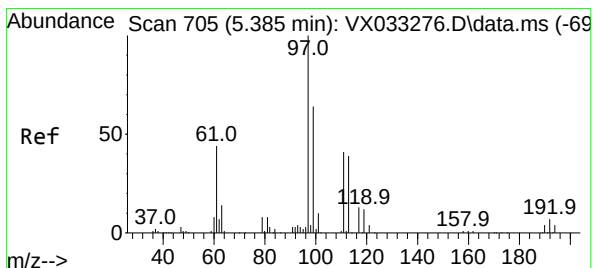
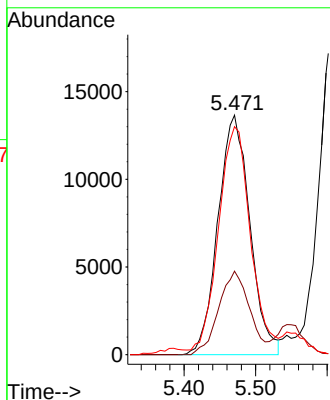
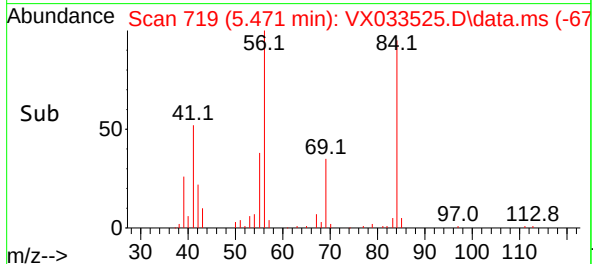
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



Tgt Ion: 56 Resp: 4239
Ion Ratio Lower Upper
56 100
69 34.9 24.1 36.1
84 92.9 66.9 100.3

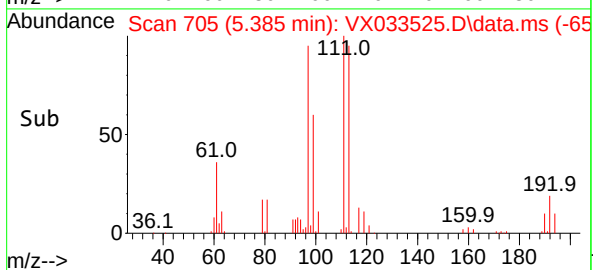
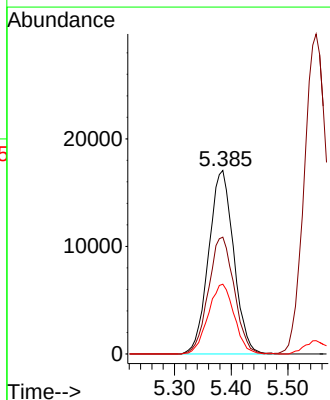
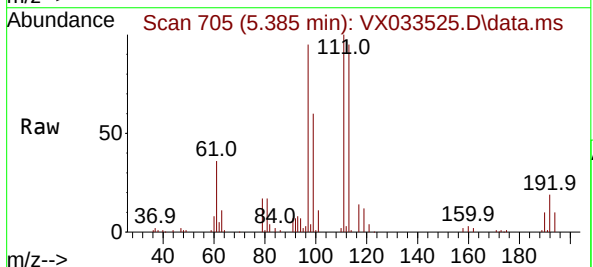
Manual Integrations
APPROVED

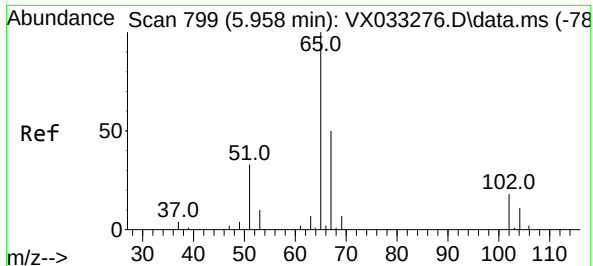
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#32
1,1,1-Trichloroethane
Concen: 19.370 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 97 Resp: 52235
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 39.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 40.662 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 65 Resp: 40410

Ion Ratio Lower Upper

65 100

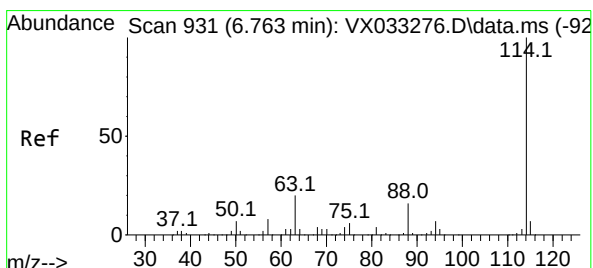
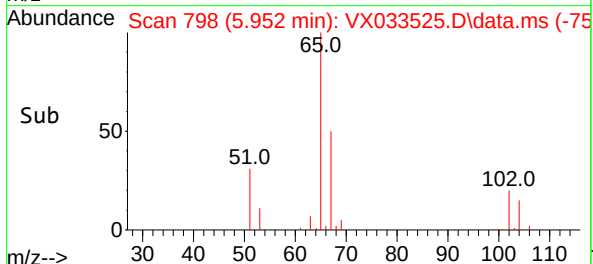
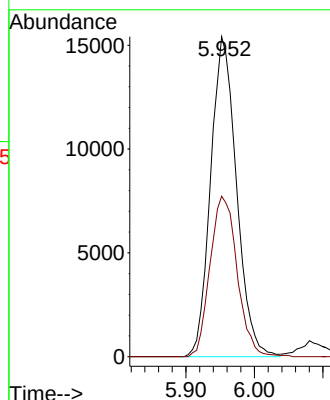
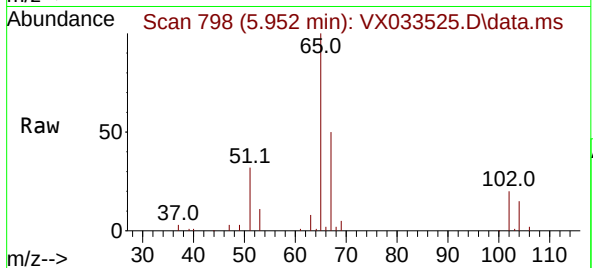
67 52.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

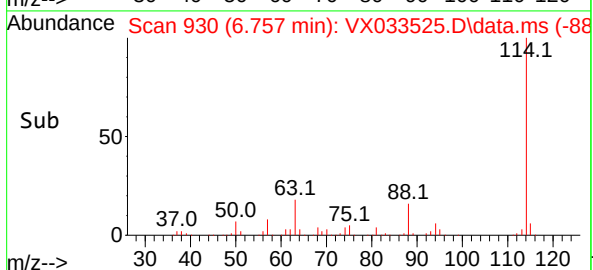
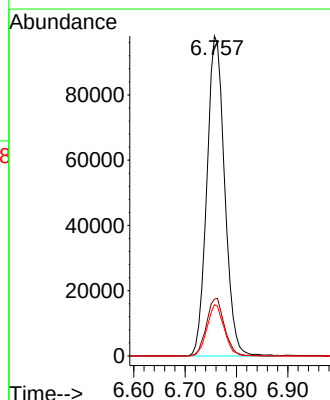
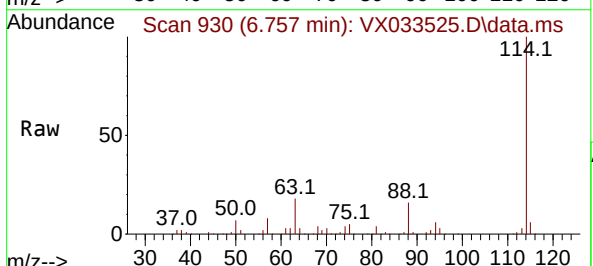
Tgt Ion:114 Resp: 236074

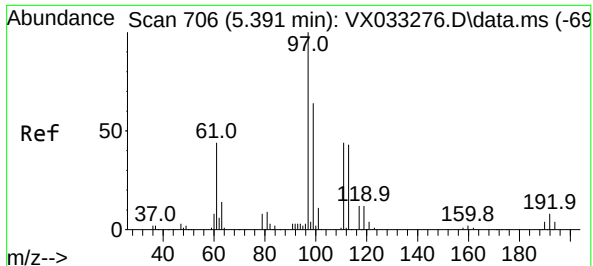
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.6

88 16.0 0.0 33.4





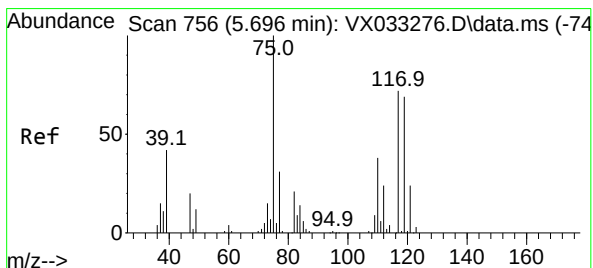
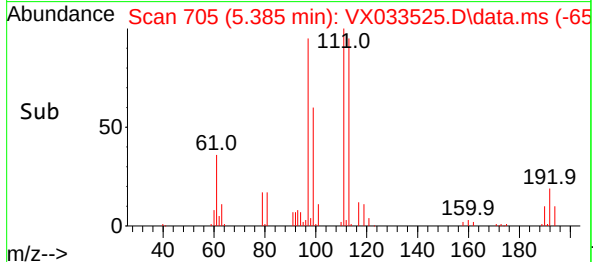
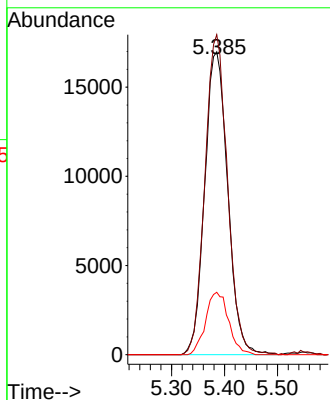
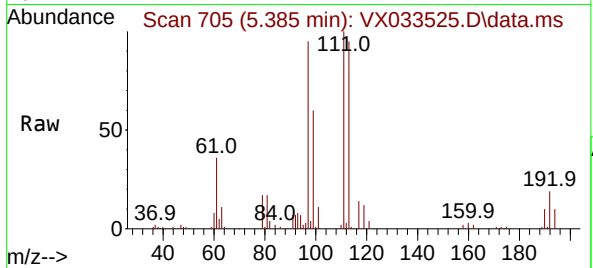
#35
Dibromofluoromethane
Concen: 48.294 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion:113 Resp: 51279
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 20.5 15.4 23.2

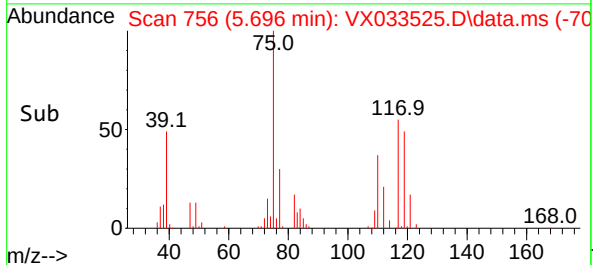
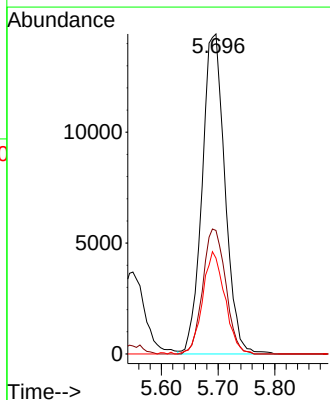
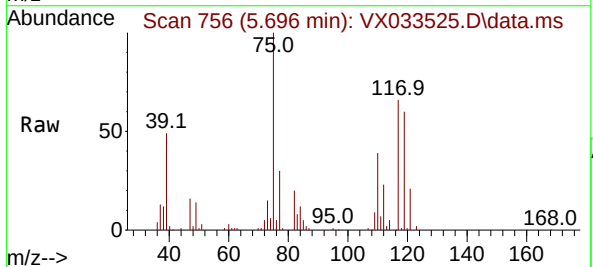
Manual Integrations
APPROVED

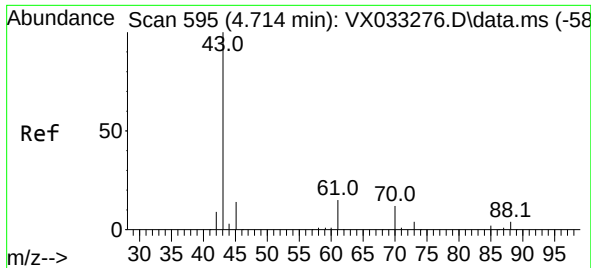
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#36
1,1-Dichloropropene
Concen: 19.528 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 75 Resp: 40426
Ion Ratio Lower Upper
75 100
110 39.2 18.4 55.2
77 31.2 24.5 36.7





#37

Ethyl Acetate

Concen: 17.198 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

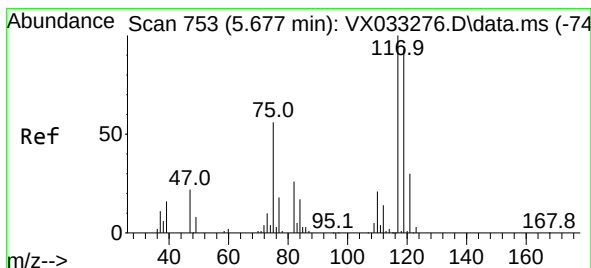
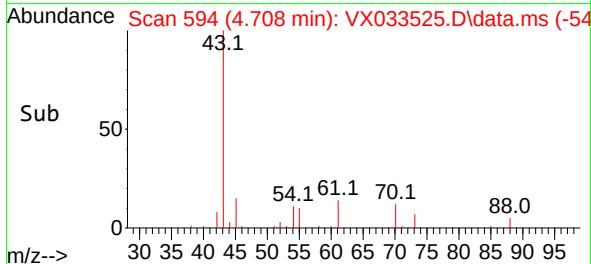
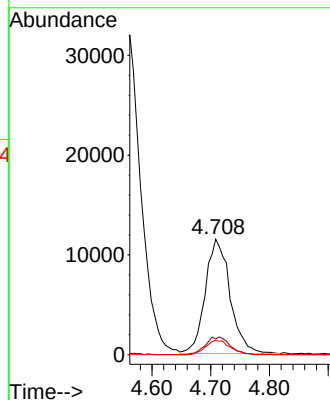
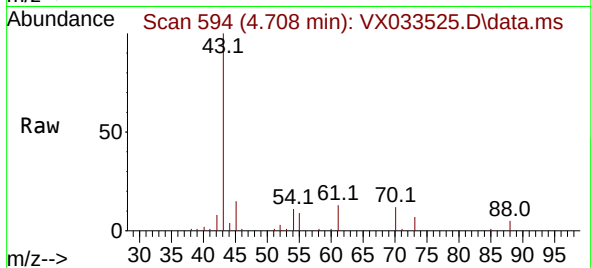
Tgt Ion:	43	Resp:	33654
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	12.2	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#38

Carbon Tetrachloride

Concen: 20.231 ug/l

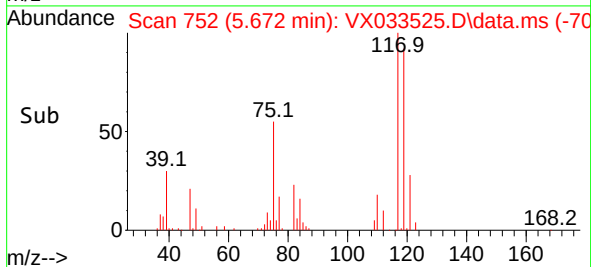
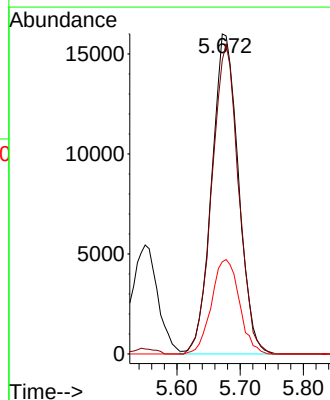
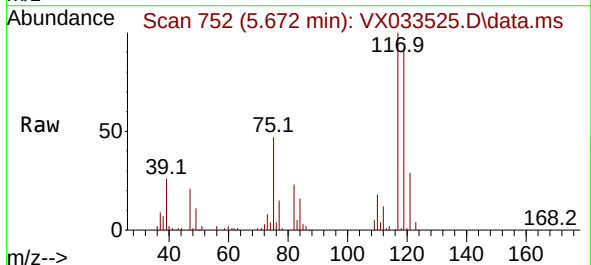
RT: 5.672 min Scan# 752

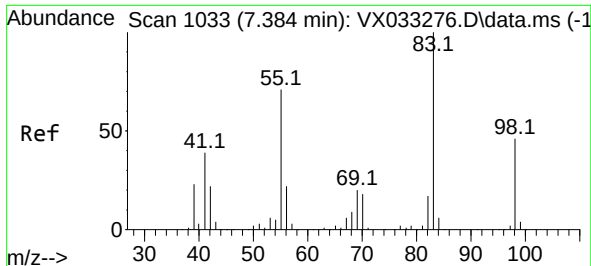
Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Tgt Ion:	117	Resp:	46925
Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.2	115.8
121	28.8	25.8	38.6





#39

Methylcyclohexane

Concen: 20.353 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 83 Resp: 4716

Ion Ratio Lower Upper

83 100

55 67.7 58.4 87.6

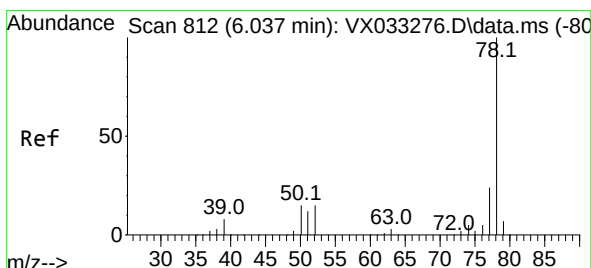
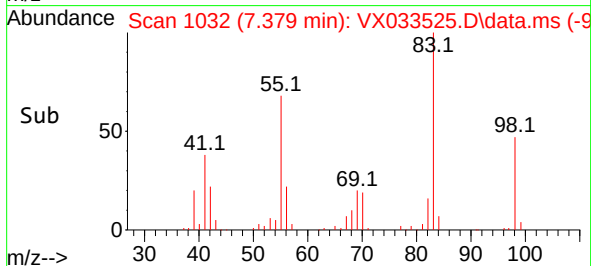
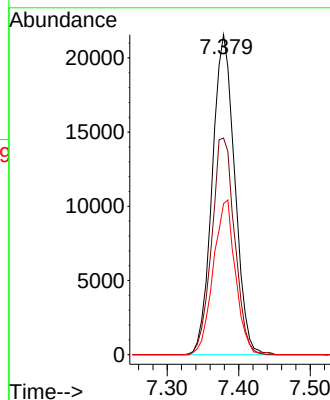
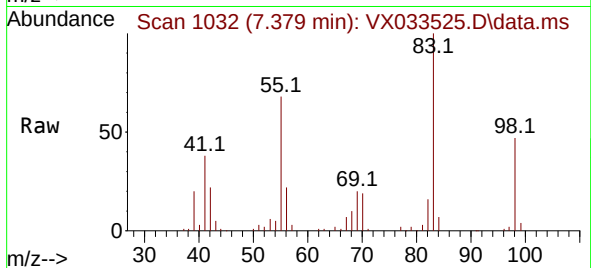
98 47.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#40

Benzene

Concen: 19.650 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033525.D

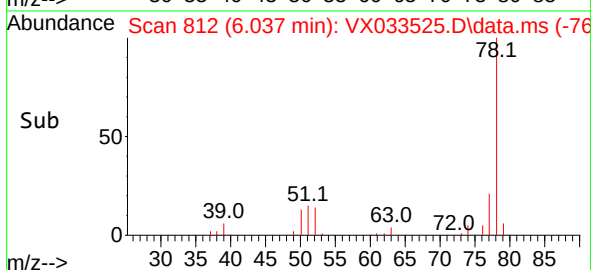
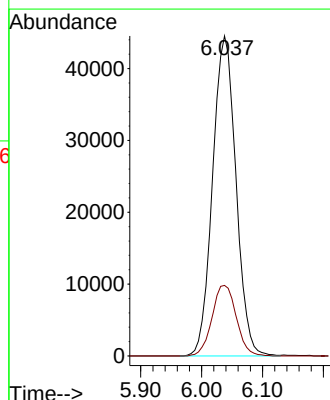
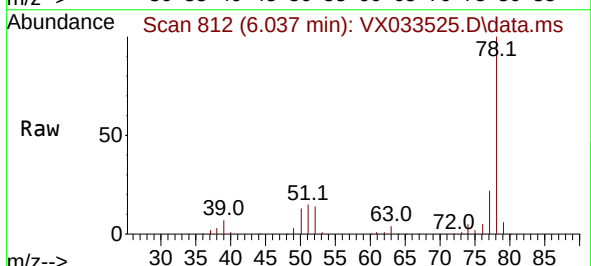
Acq: 21 Dec 2022 11:11

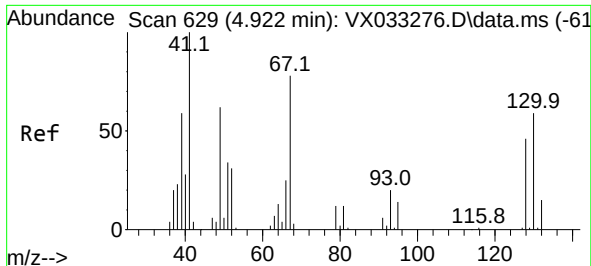
Tgt Ion: 78 Resp: 118605

Ion Ratio Lower Upper

78 100

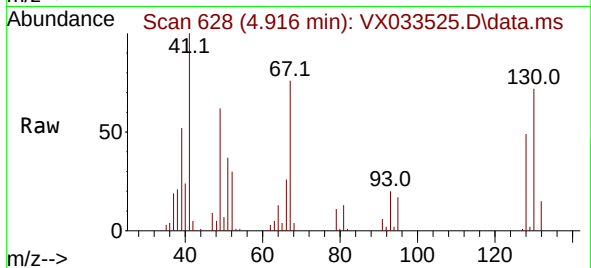
77 22.1 19.0 28.4





#41
Methacrylonitrile
Concen: 17.967 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

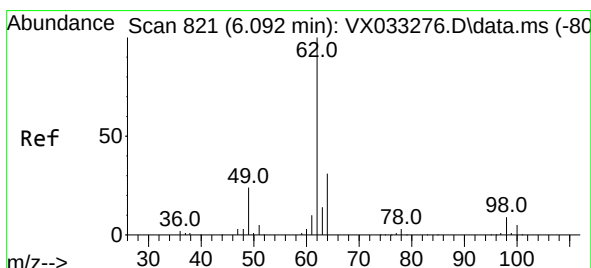
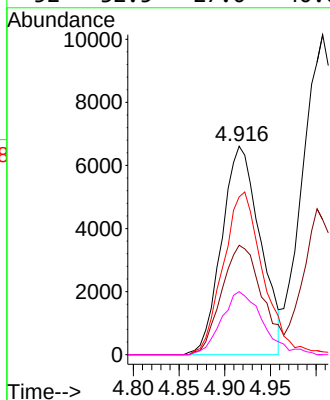
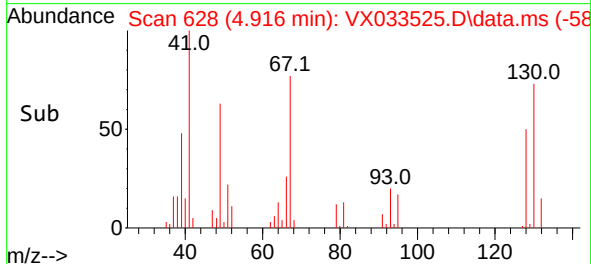
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



Tgt Ion: 41 Resp: 1937
Ion Ratio Lower Upper
41 100
39 55.7 47.5 71.3
67 81.1 60.5 90.7
52 32.5 27.0 40.6

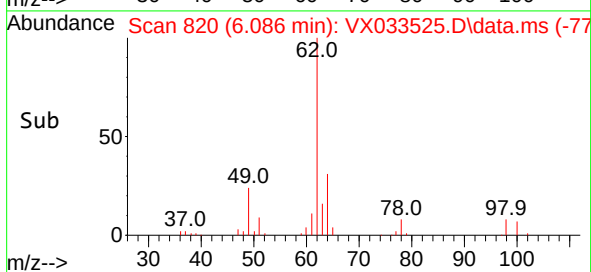
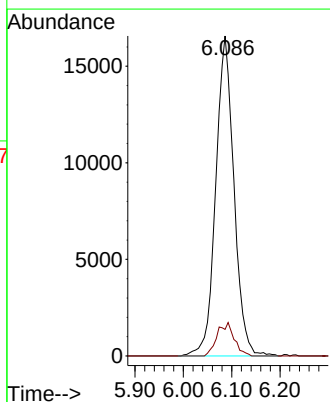
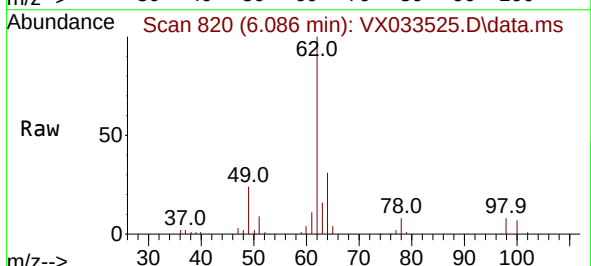
Manual Integrations
APPROVED

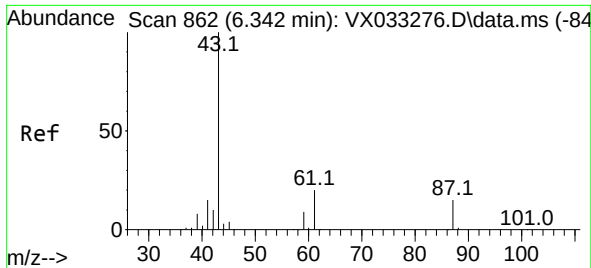
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 18.081 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 62 Resp: 43337
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.0





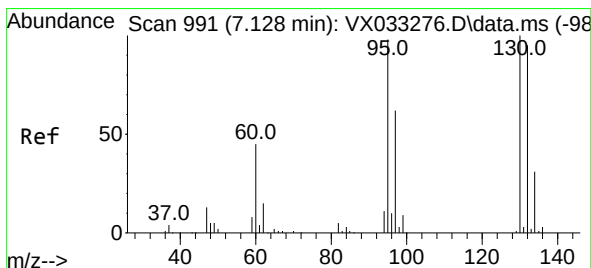
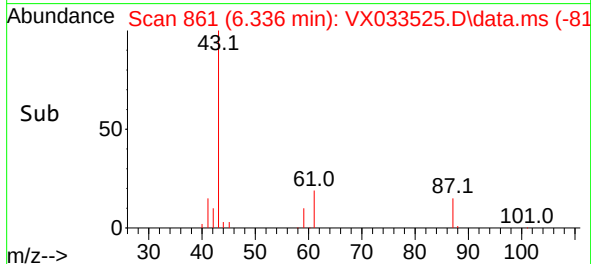
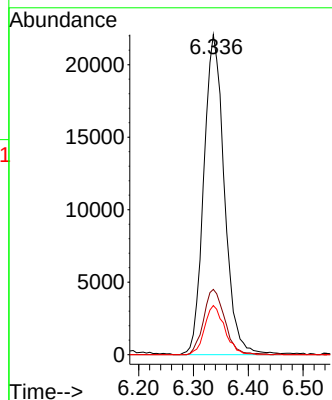
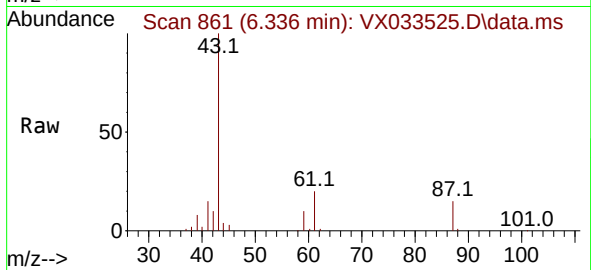
#43
Isopropyl Acetate
Concen: 18.241 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 43 Resp: 5743
Ion Ratio Lower Upper
43 100
61 21.0 15.4 23.0
87 15.0 10.8 16.2

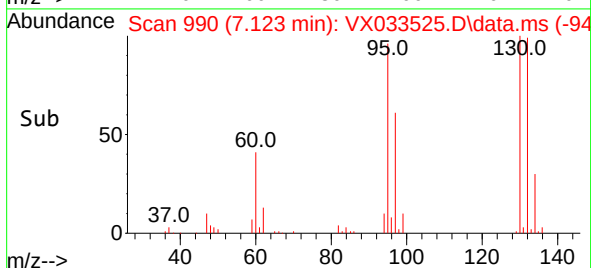
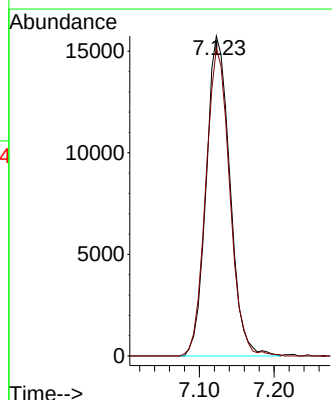
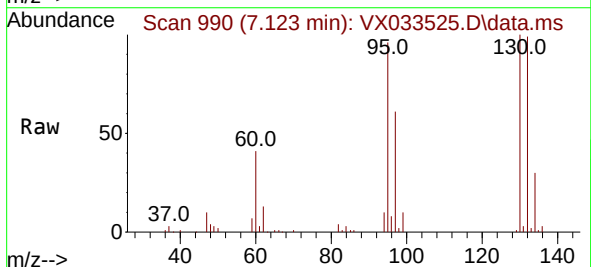
Manual Integrations
APPROVED

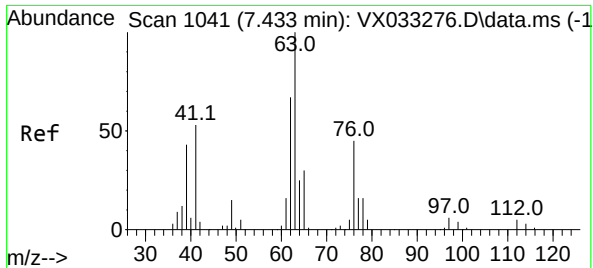
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 20.824 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion:130 Resp: 34655
Ion Ratio Lower Upper
130 100
95 96.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.461 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 63 Resp: 3004

Ion Ratio Lower Upper

63 100

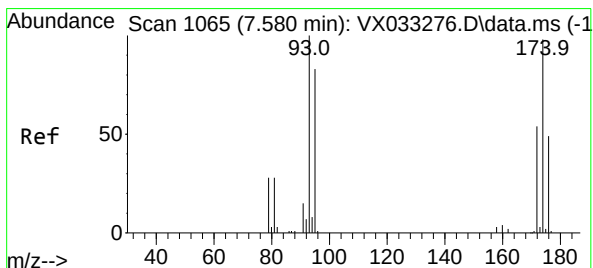
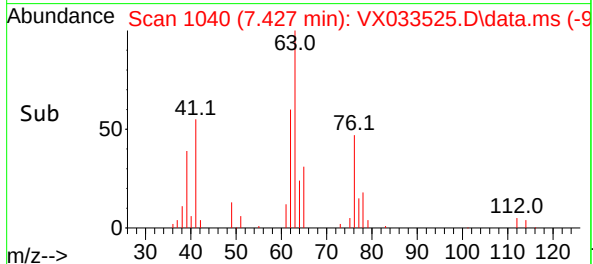
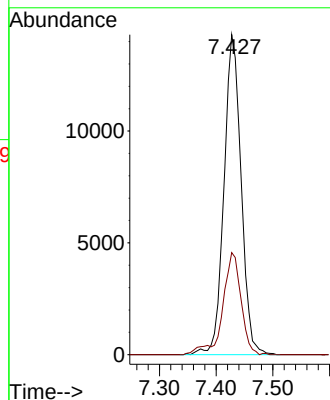
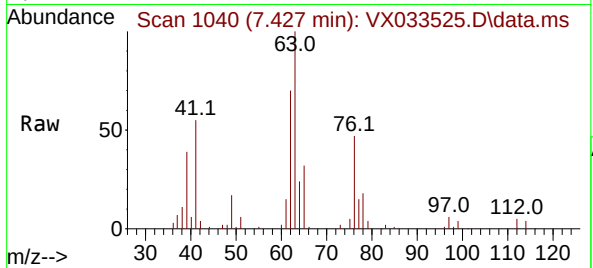
65 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 19.317 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

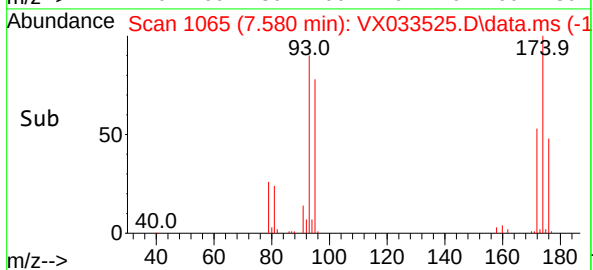
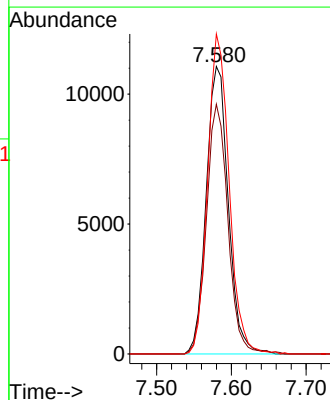
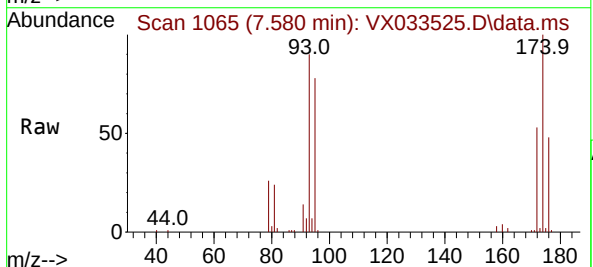
Tgt Ion: 93 Resp: 22715

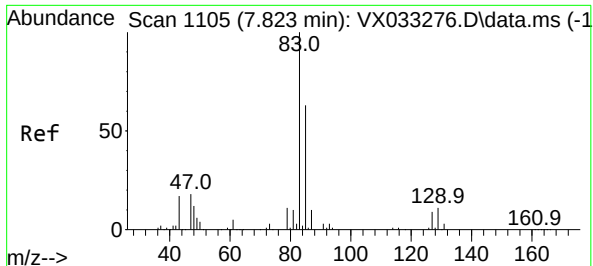
Ion Ratio Lower Upper

93 100

95 84.6 65.8 98.8

174 108.5 79.8 119.6





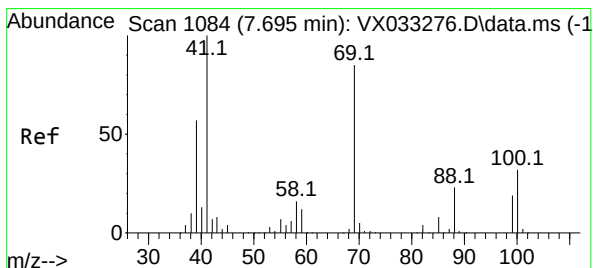
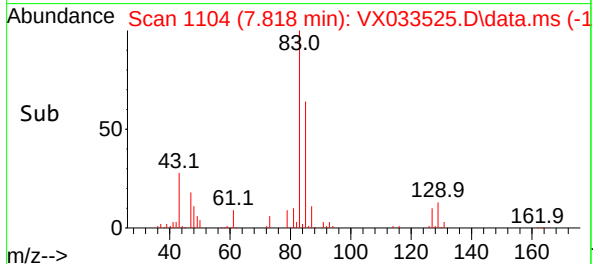
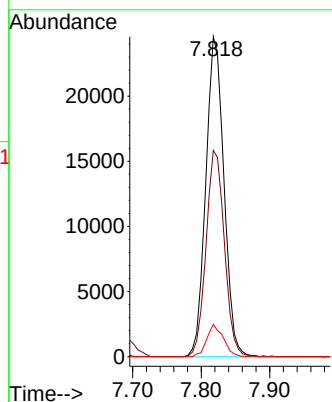
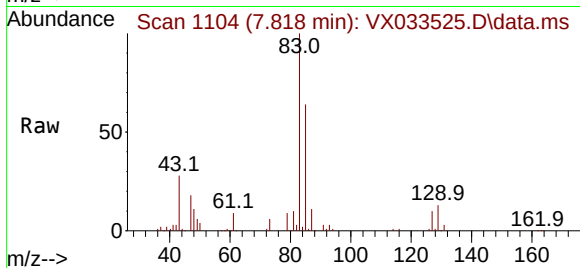
#47
Bromodichloromethane
Concen: 19.761 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 83 Resp: 45297
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 10.1 7.4 11.2

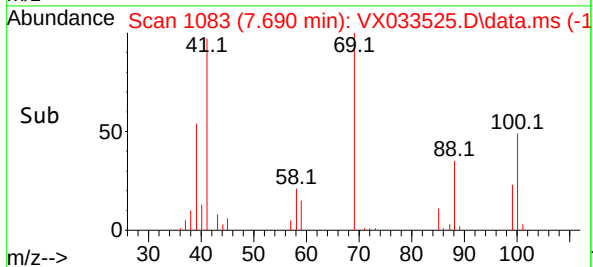
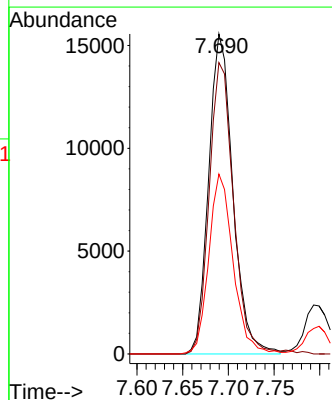
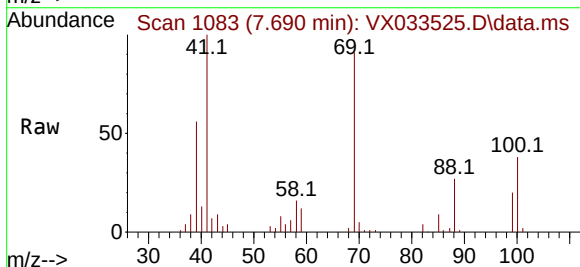
Manual Integrations
APPROVED

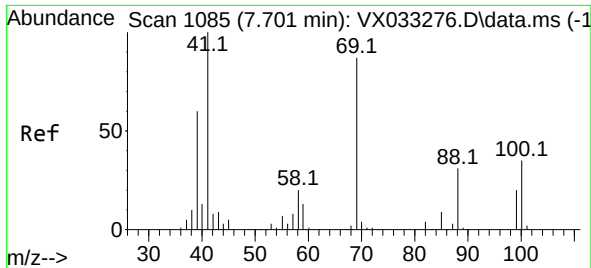
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#48
Methyl methacrylate
Concen: 17.603 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

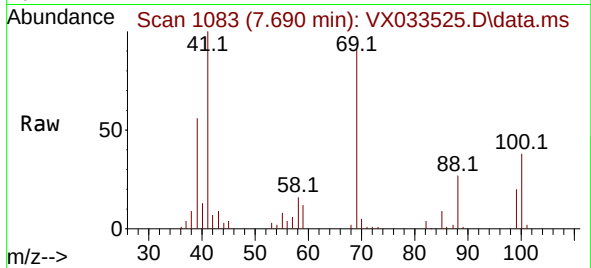
Tgt Ion: 41 Resp: 28606
Ion Ratio Lower Upper
41 100
69 92.1 65.1 97.7
39 56.6 51.9 77.9





#49
1,4-Dioxane
Concen: 369.628 ug/l
RT: 7.690 min Scan# 1085
Delta R.T. -0.012 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

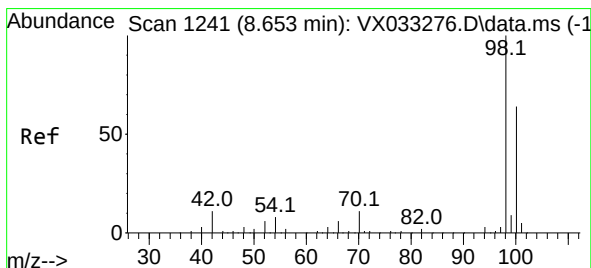
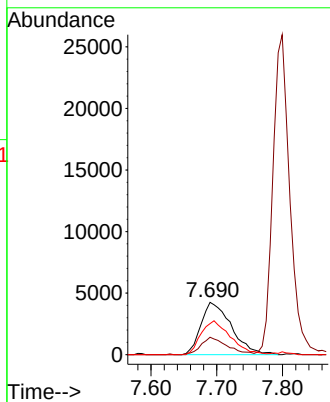
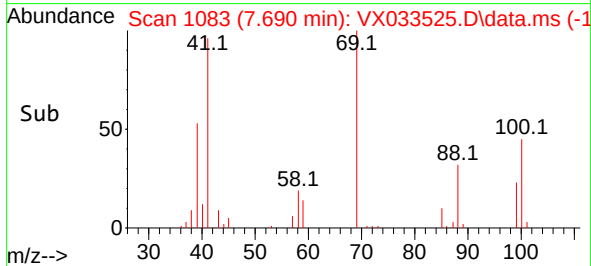
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



Tgt Ion: 88 Resp: 1369
Ion Ratio Lower Upper
88 100
43 28.7 26.6 39.8
58 62.5 51.7 77.5

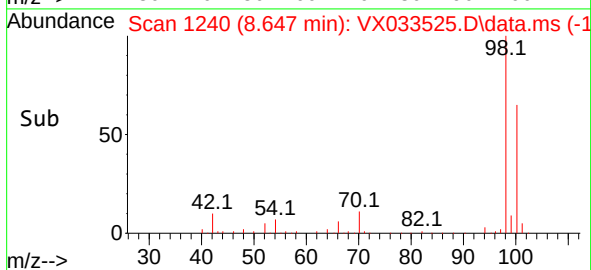
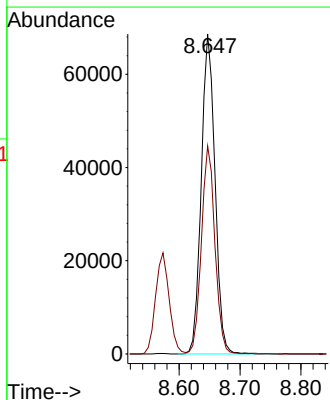
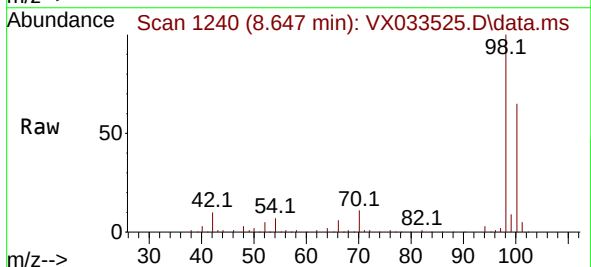
Manual Integrations
APPROVED

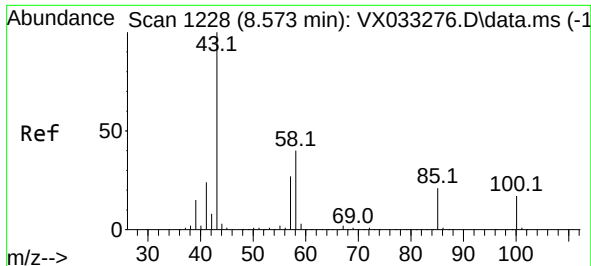
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#50
Toluene-d8
Concen: 48.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 98 Resp: 107428
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





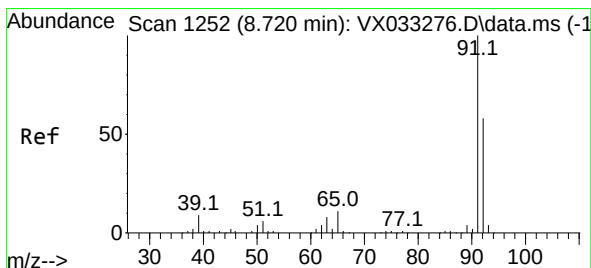
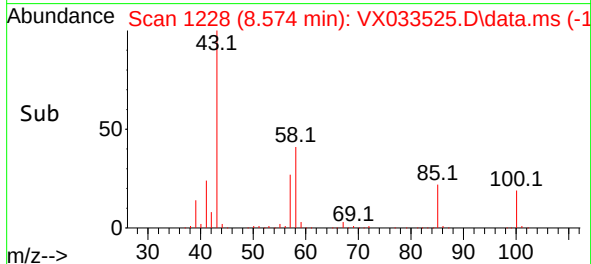
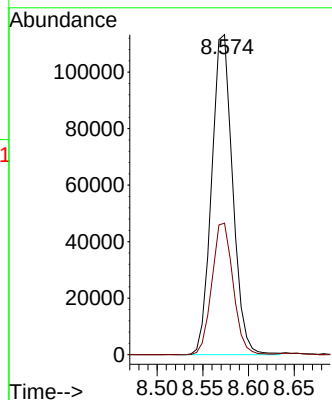
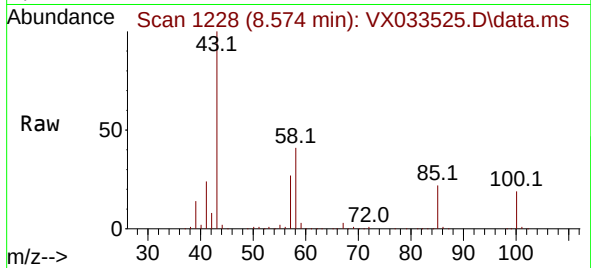
#51
4-Methyl-2-Pentanone
Concen: 90.930 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 43 Resp: 181058
Ion Ratio Lower Upper
43 100
58 41.5 30.9 46.3

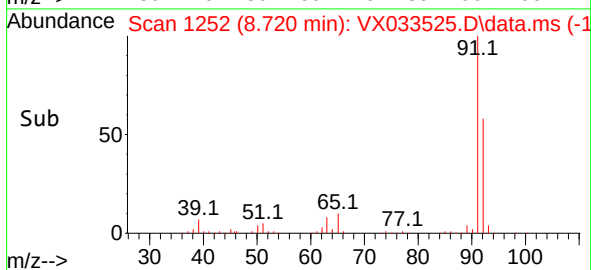
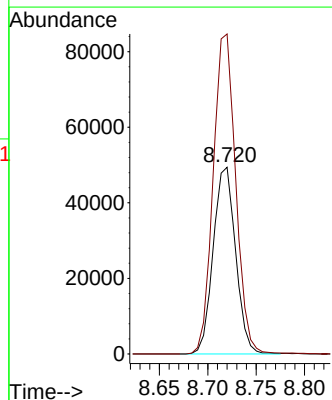
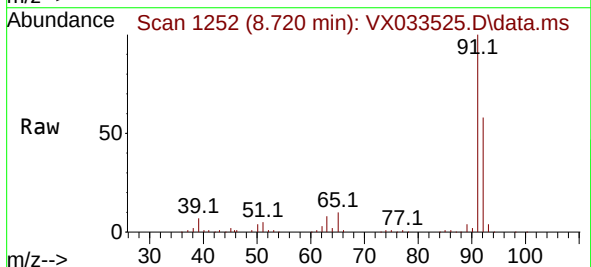
Manual Integrations
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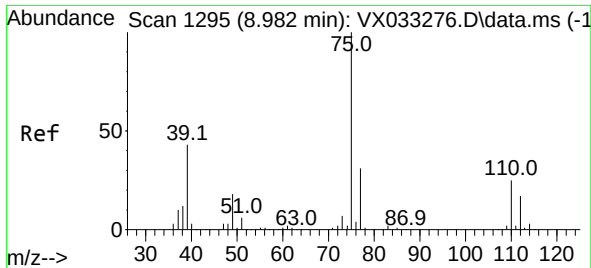
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 20.370 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 92 Resp: 79495
Ion Ratio Lower Upper
92 100
91 172.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.761 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 75 Resp: 44734

Ion Ratio Lower Upper

75 100

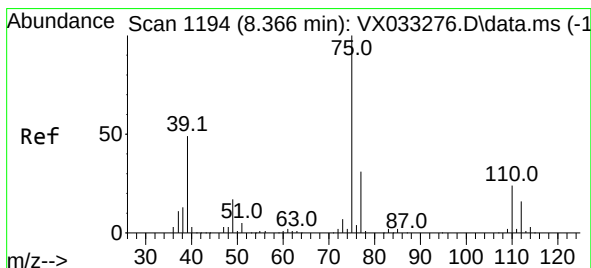
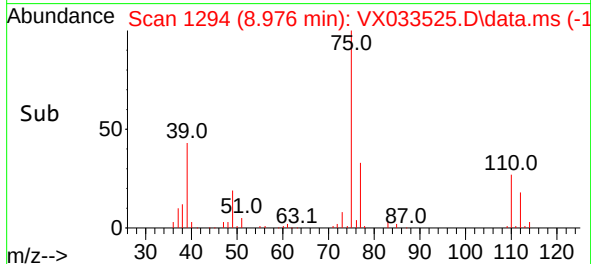
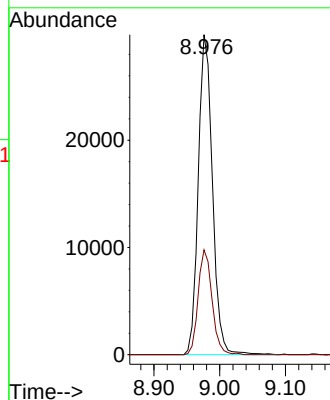
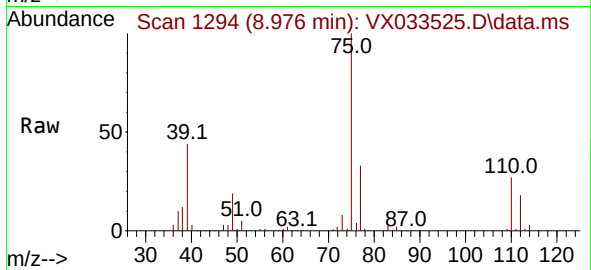
77 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#54

cis-1,3-Dichloropropene

Concen: 19.887 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

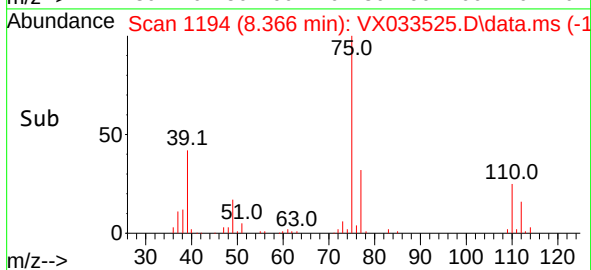
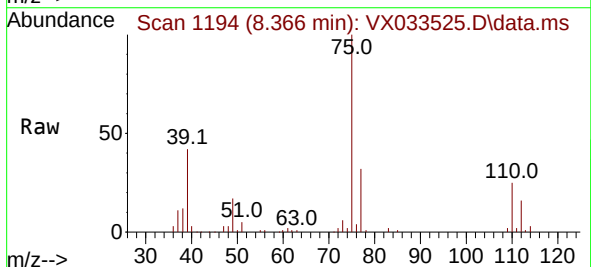
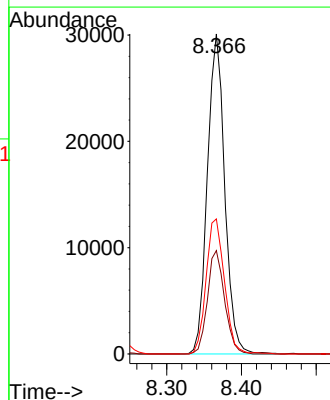
Tgt Ion: 75 Resp: 48510

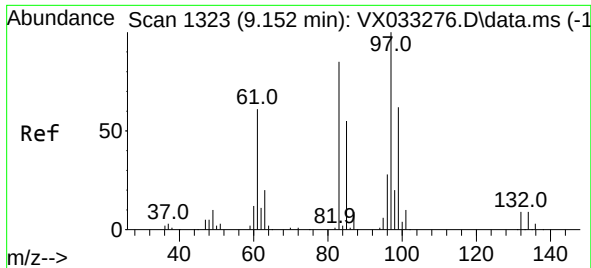
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 42.2 45.5 68.3#





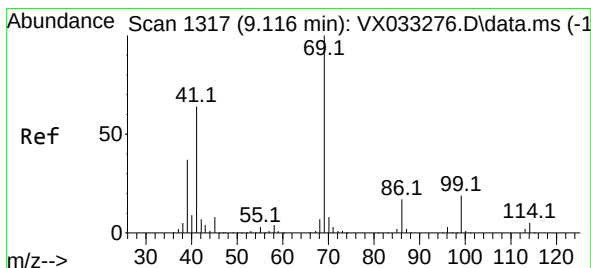
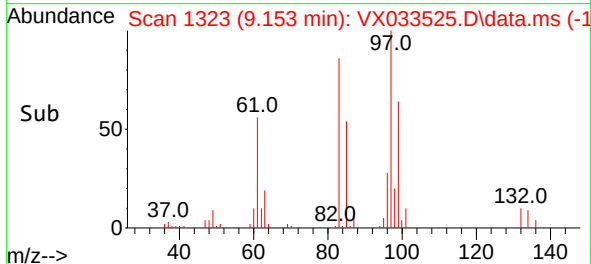
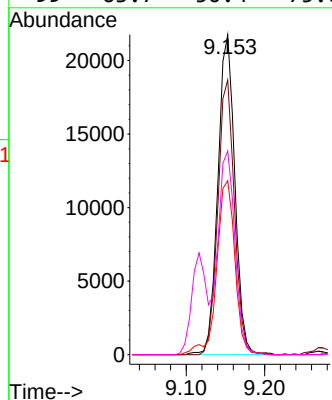
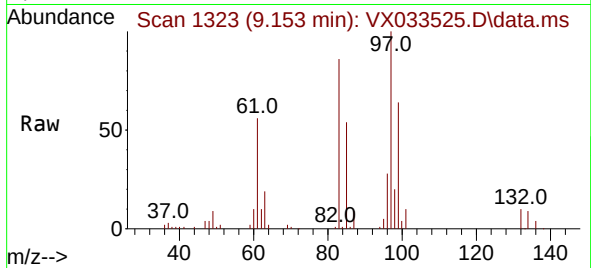
#55
1,1,2-Trichloroethane
Concen: 19.971 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 97	Resp: 3276
Ion Ratio	Lower Upper
97 100	
83 85.8	68.1 102.1
85 54.3	43.3 64.9
99 63.7	50.4 75.6

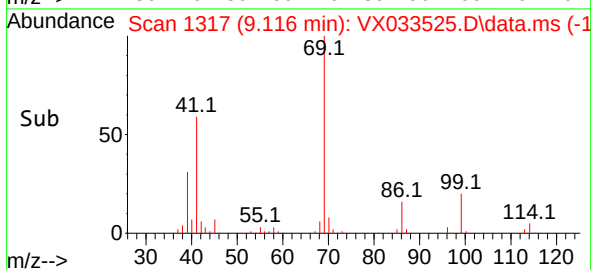
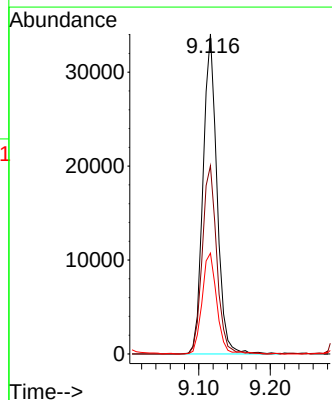
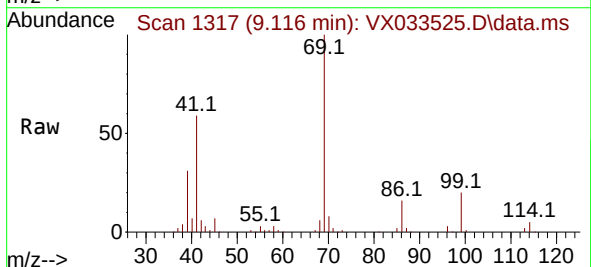
Manual Integrations
APPROVED

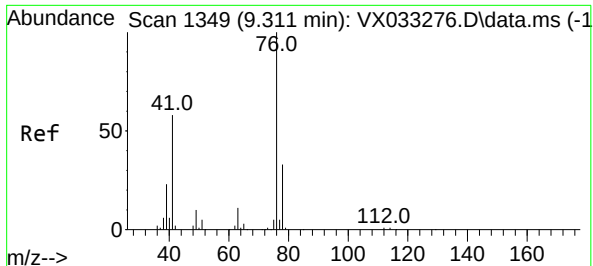
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#56
Ethyl methacrylate
Concen: 19.934 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 69	Resp: 46043
Ion Ratio	Lower Upper
69 100	
41 61.2	54.3 81.5
39 33.4	35.2 52.8#





#57

1,3-Dichloropropane

Concen: 19.752 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 76 Resp: 52054

Ion Ratio Lower Upper

76 100

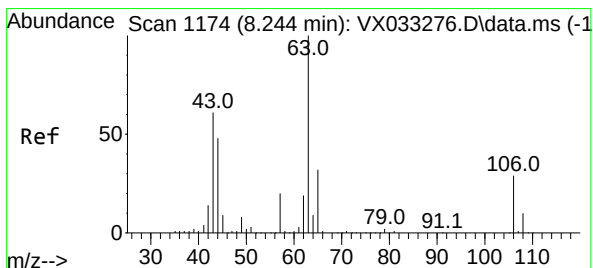
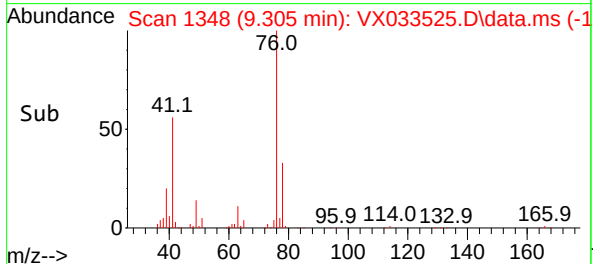
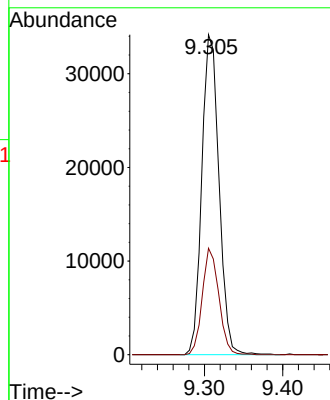
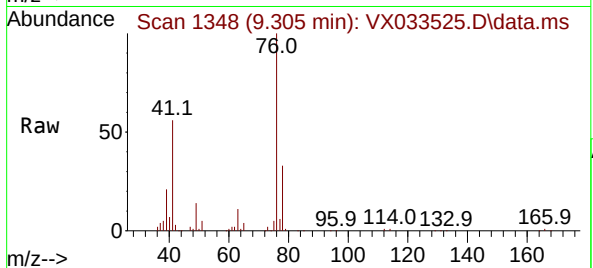
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.653 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033525.D

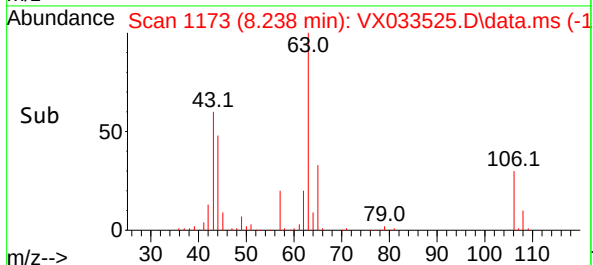
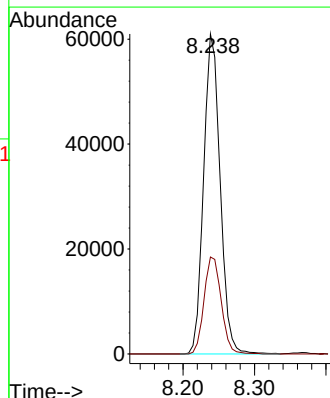
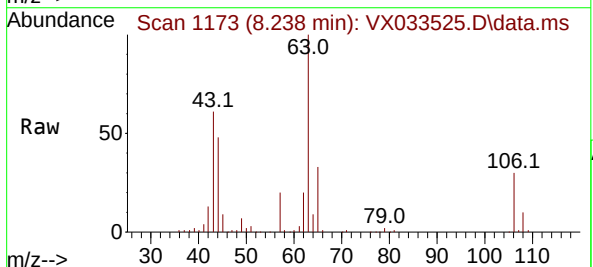
Acq: 21 Dec 2022 11:11

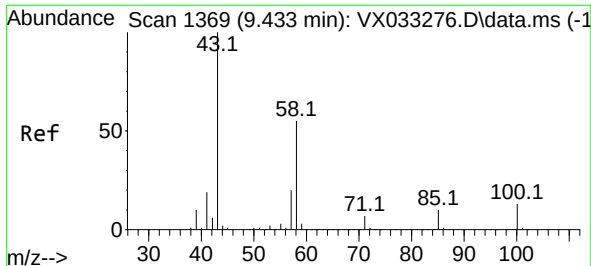
Tgt Ion: 63 Resp: 97920

Ion Ratio Lower Upper

63 100

106 31.5 23.3 34.9





#59

2-Hexanone

Concen: 94.496 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

Tgt Ion: 43 Resp: 13866

Ion Ratio Lower Upper

43 100

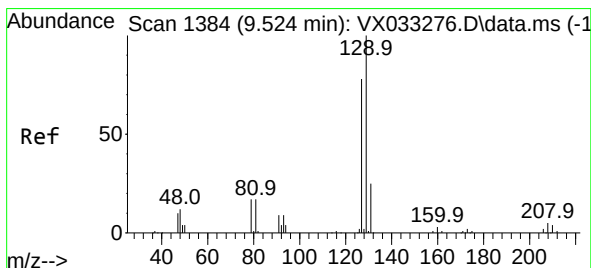
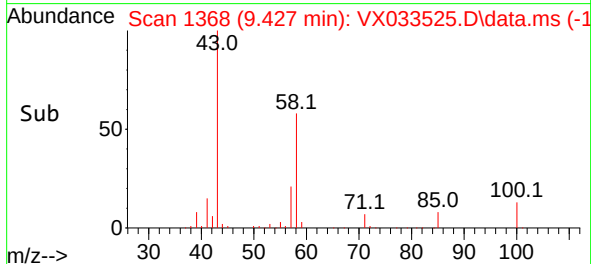
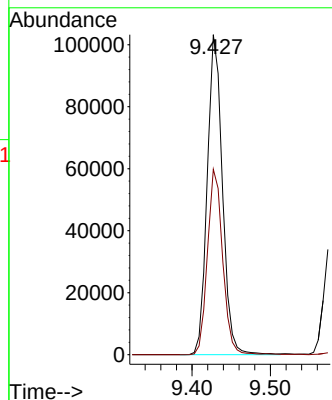
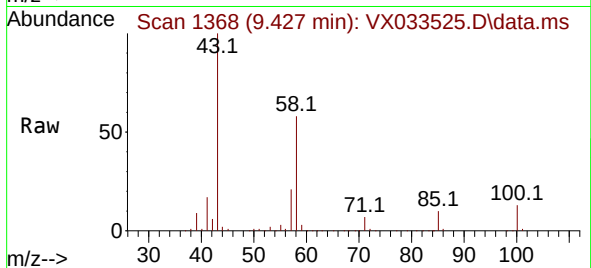
58 58.0 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#60

Dibromochloromethane

Concen: 20.550 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033525.D

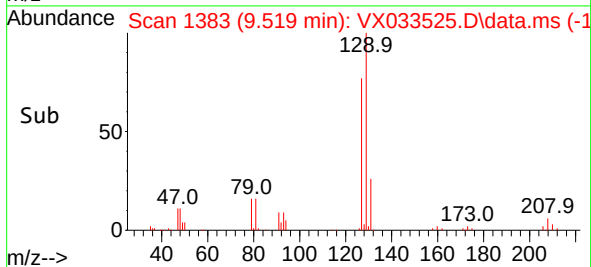
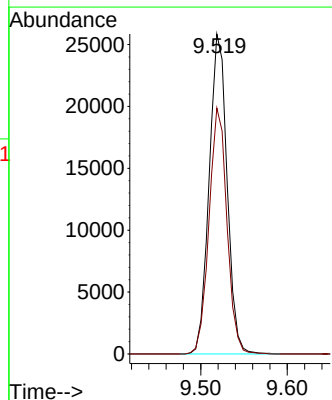
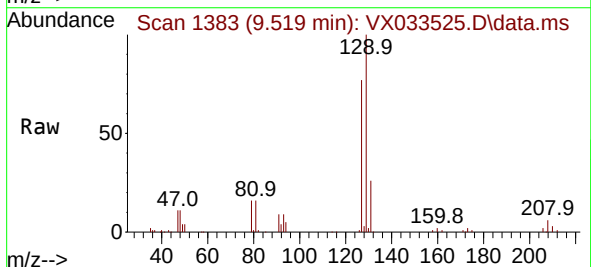
Acq: 21 Dec 2022 11:11

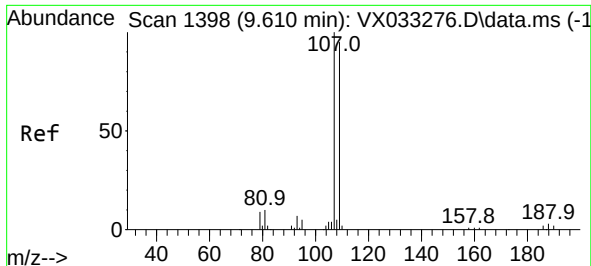
Tgt Ion:129 Resp: 37143

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.8





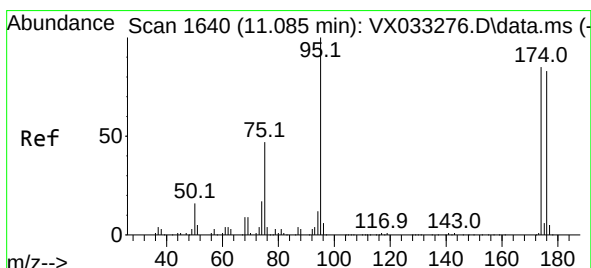
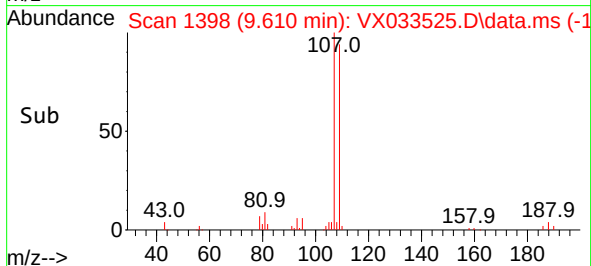
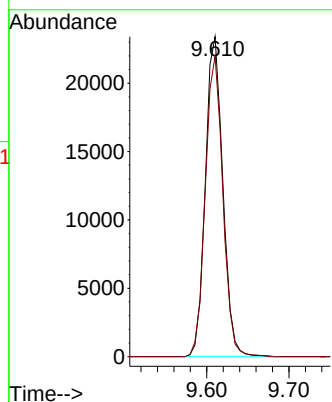
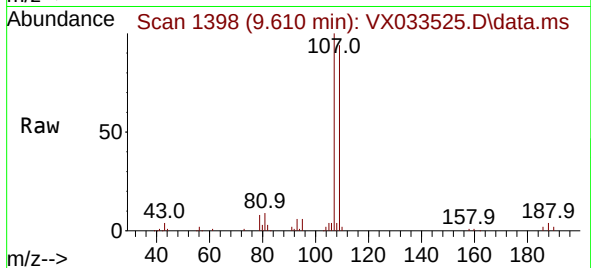
#61
1,2-Dibromoethane
Concen: 19.767 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion:107 Resp: 34492
Ion Ratio Lower Upper
107 100
109 94.5 76.0 114.0

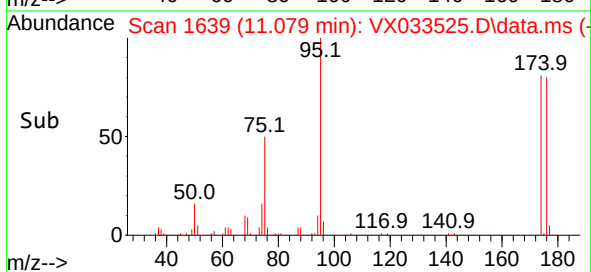
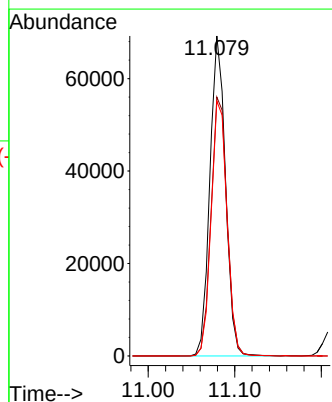
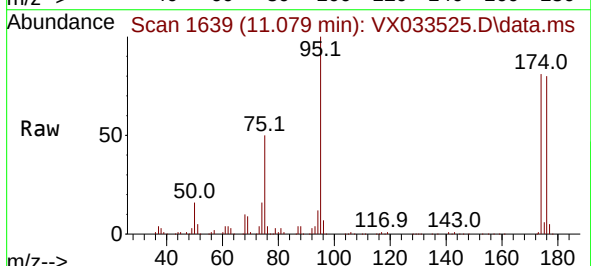
Manual Integrations
APPROVED

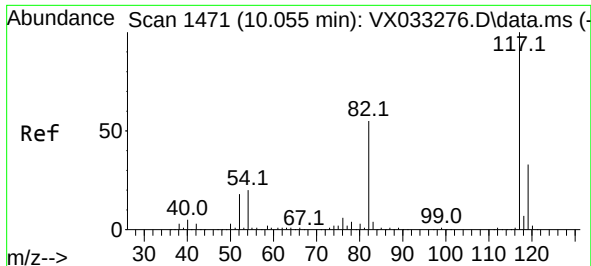
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#62
4-Bromofluorobenzene
Concen: 50.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

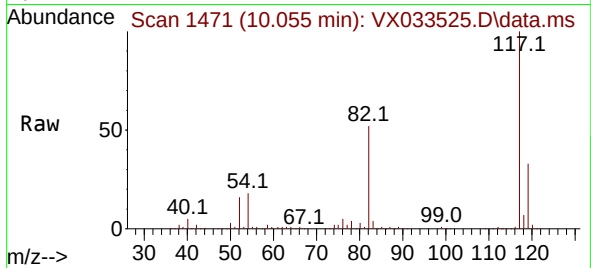
Tgt Ion: 95 Resp: 86507
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 81.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

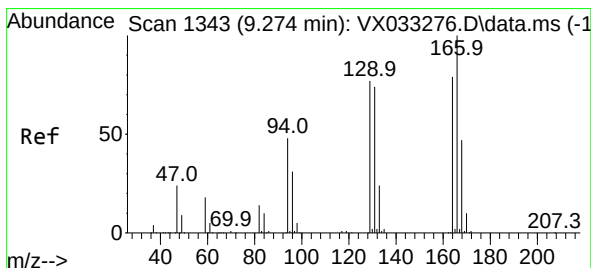
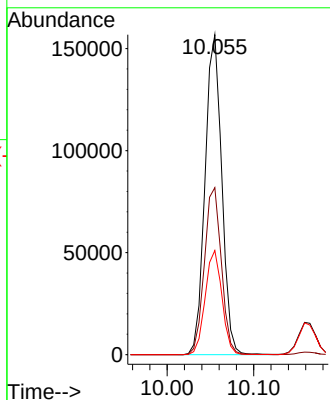
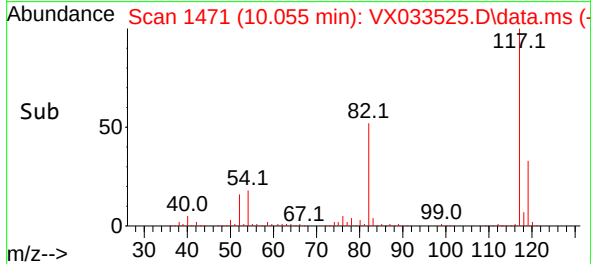
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



Tgt Ion:117 Resp: 210590
Ion Ratio Lower Upper
117 100
82 52.2 44.3 66.5
119 32.5 25.7 38.5

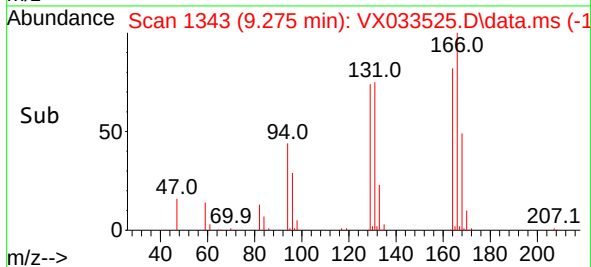
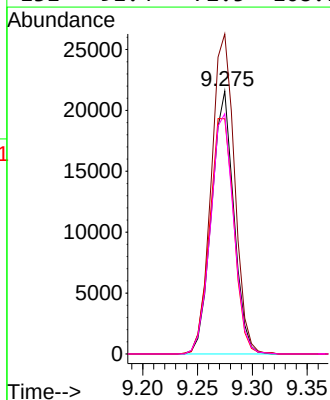
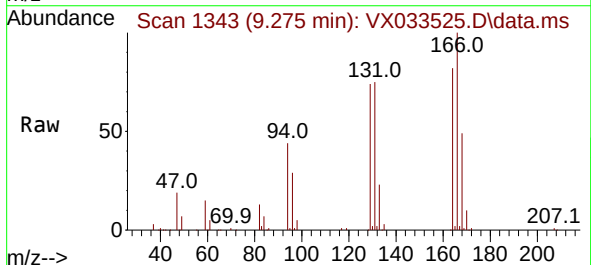
Manual Integrations
APPROVED

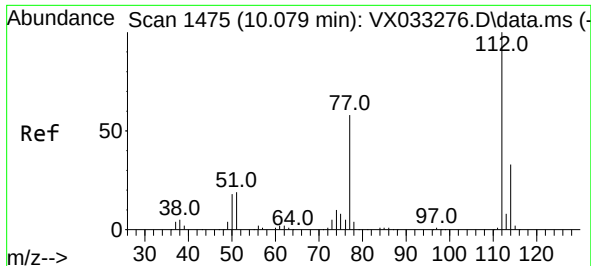
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#64
Tetrachloroethene
Concen: 21.019 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion:164 Resp: 30268
Ion Ratio Lower Upper
164 100
166 121.8 105.4 158.2
129 89.5 78.2 117.2
131 91.4 72.5 108.7





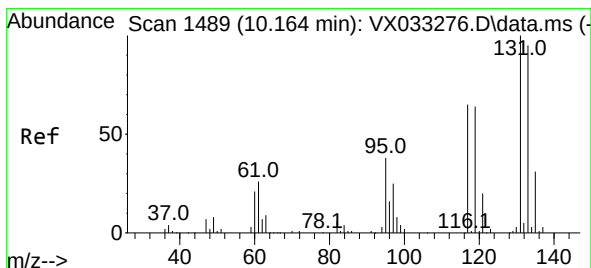
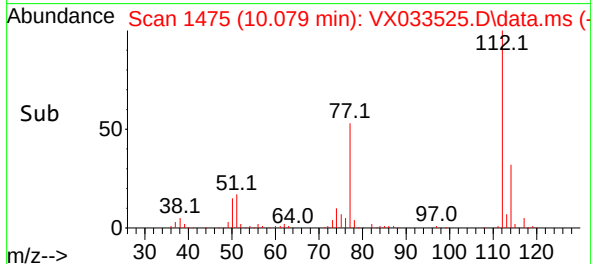
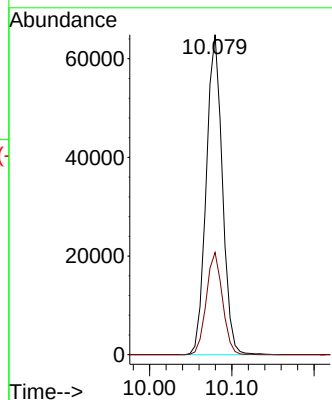
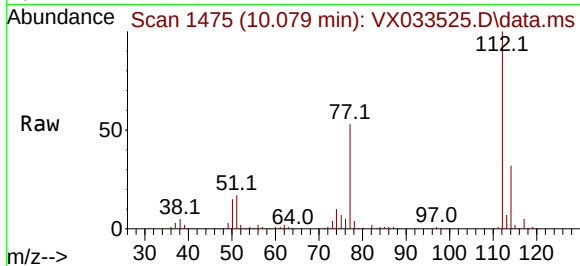
#65
Chlorobenzene
Concen: 20.687 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion:112 Resp: 8822
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

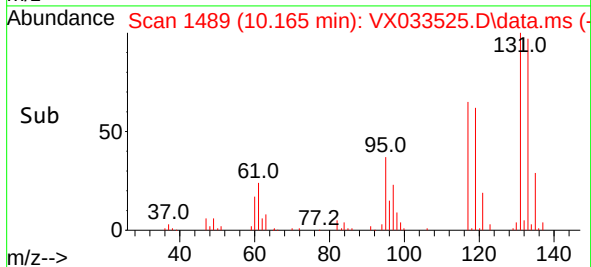
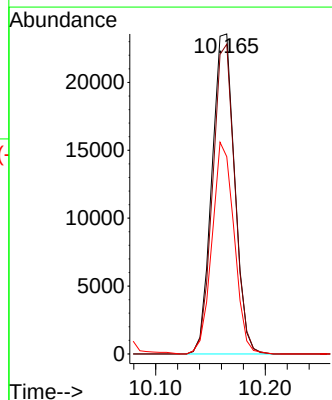
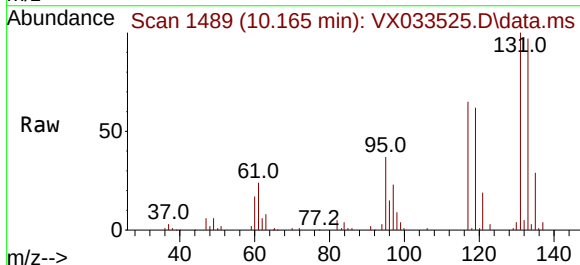
Manual Integrations
APPROVED

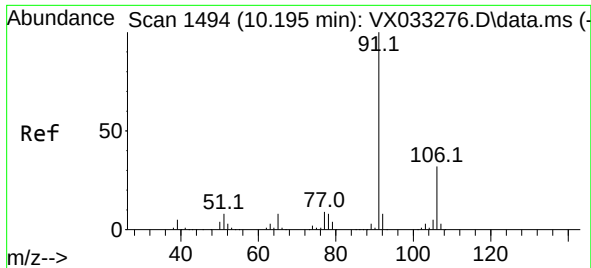
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.112 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion:131 Resp: 34025
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 64.1 32.4 97.0





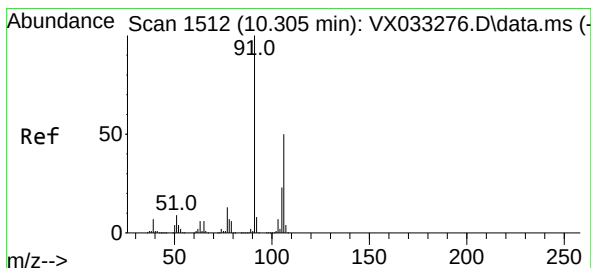
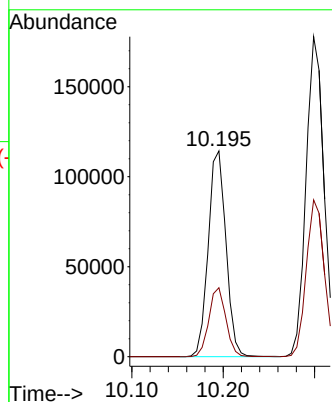
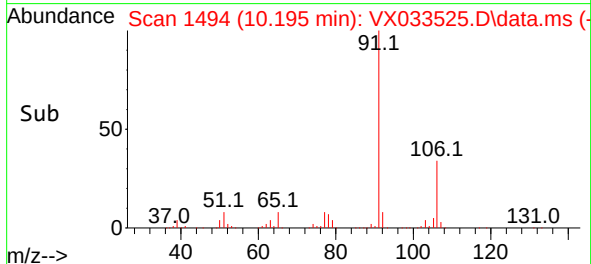
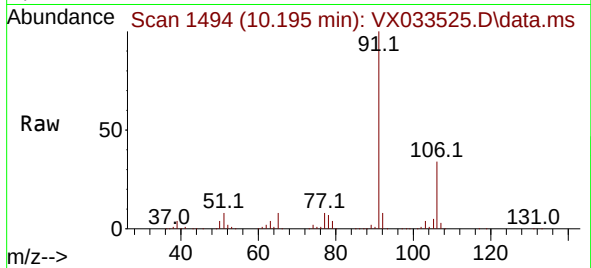
#67
Ethyl Benzene
Concen: 20.692 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 91 Resp: 15373
Ion Ratio Lower Upper
91 100
106 33.5 25.0 37.6

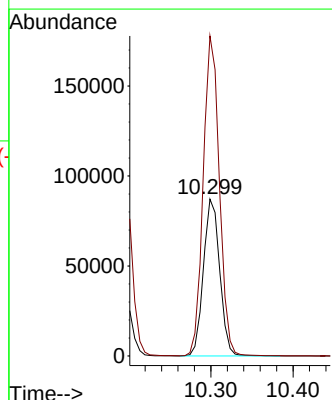
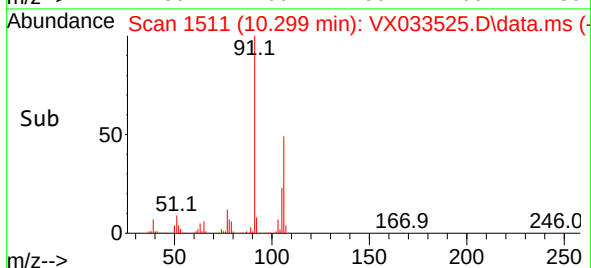
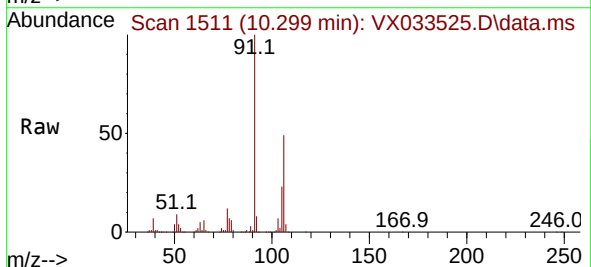
Manual Integrations
APPROVED

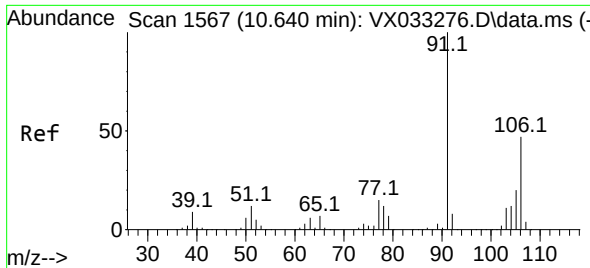
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#68
m/p-Xylenes
Concen: 41.436 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion:106 Resp: 119776
Ion Ratio Lower Upper
106 100
91 202.9 164.5 246.7





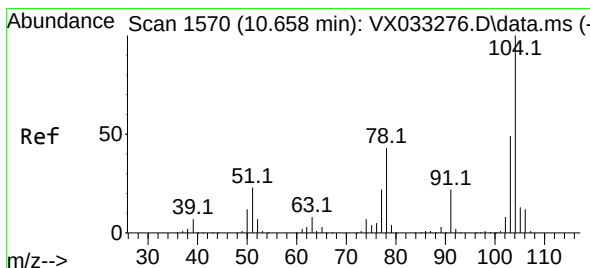
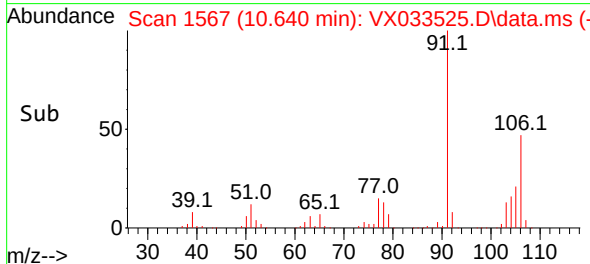
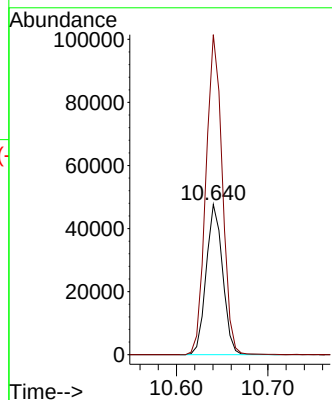
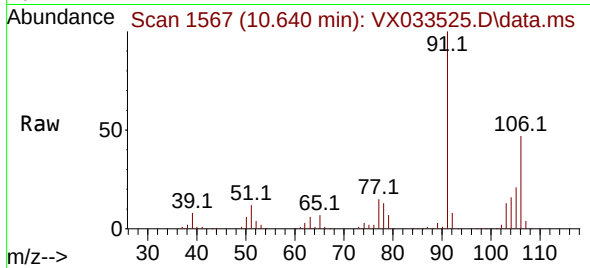
#69
o-Xylene
Concen: 20.864 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion:106 Resp: 5961
Ion Ratio Lower Upper
106 100
91 211.7 109.2 327.6

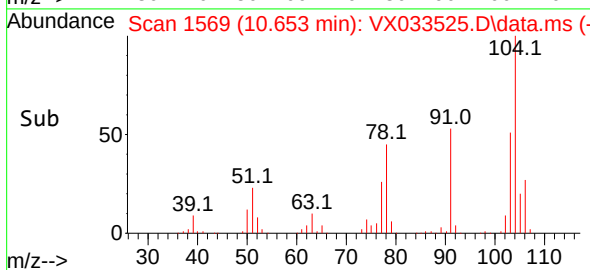
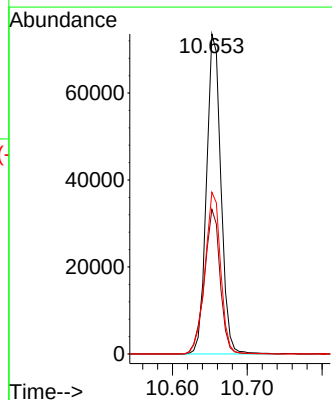
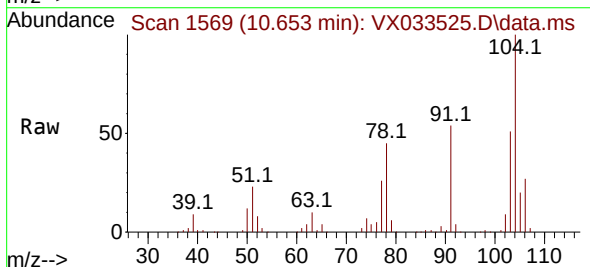
Manual Integrations
APPROVED

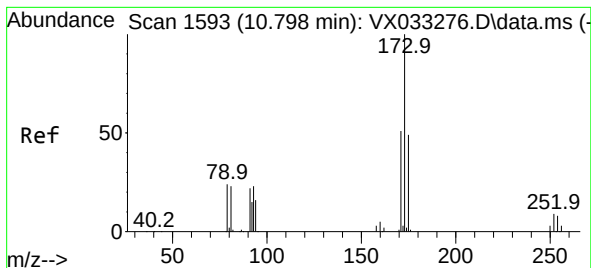
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 21.049 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion:104 Resp: 98500
Ion Ratio Lower Upper
104 100
78 49.2 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 21.102 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

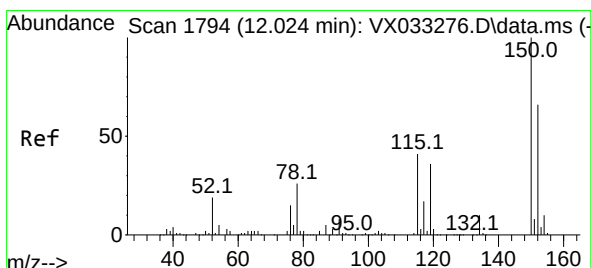
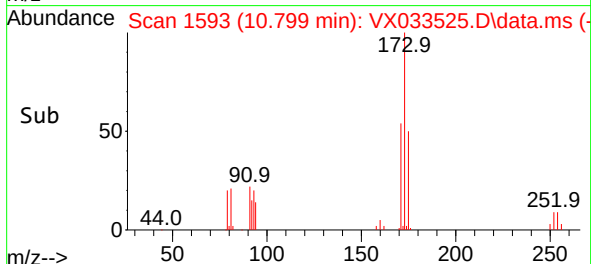
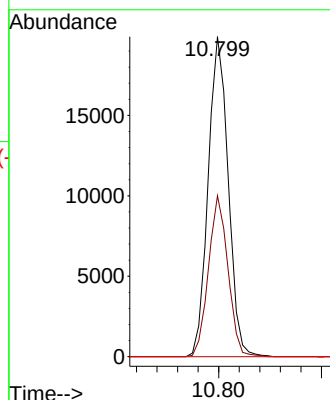
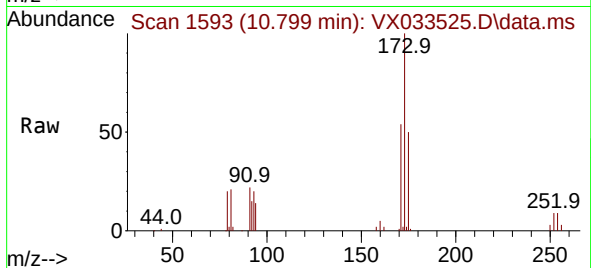
Tgt Ion:173	Resp:	26919
Ion Ratio	Lower	Upper
173	100	
175	48.9	23.9 71.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

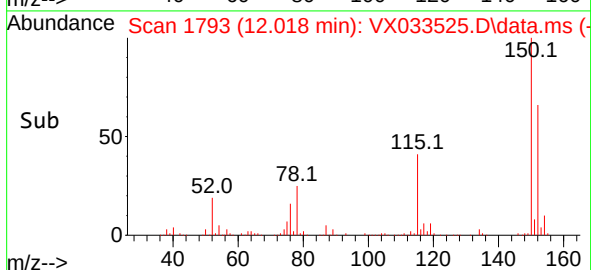
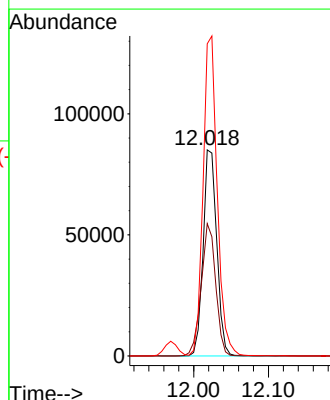
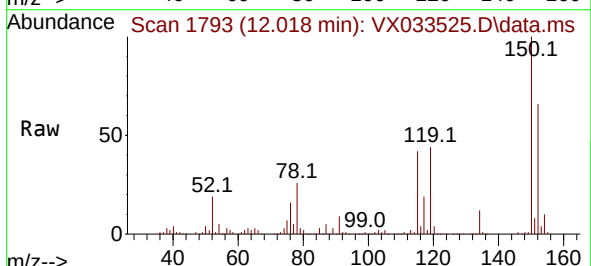
RT: 12.018 min Scan# 1793

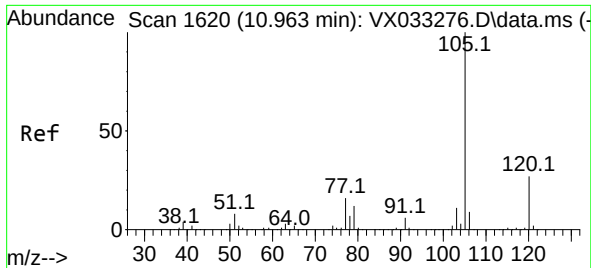
Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

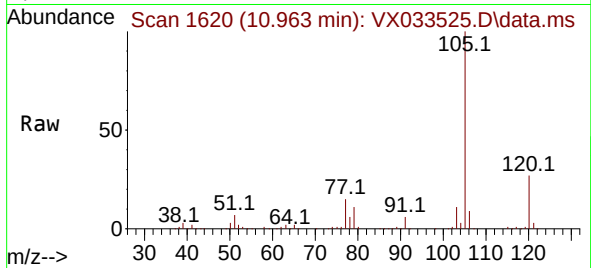
Tgt Ion:152	Resp:	107716
Ion Ratio	Lower	Upper
152	100	
115	68.2	44.0 132.0
150	161.2	0.0 351.8





#73
Isopropylbenzene
Concen: 20.139 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

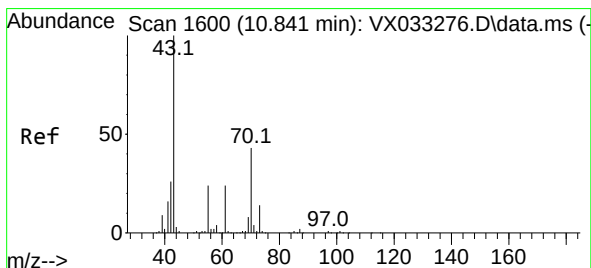
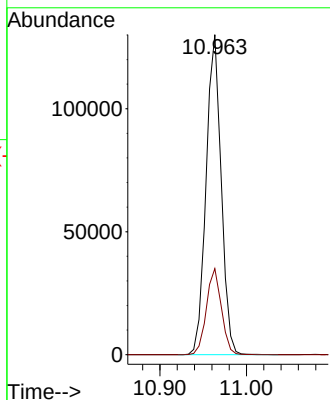
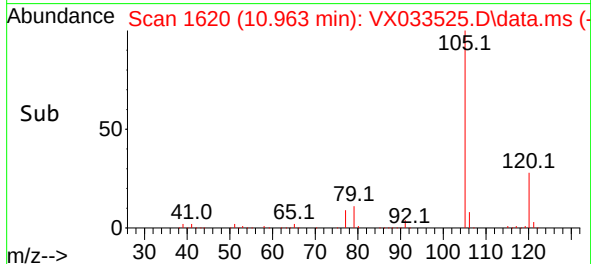
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



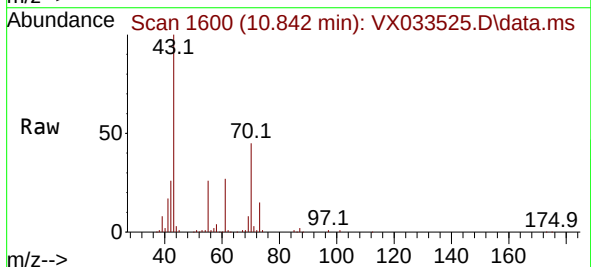
Tgt Ion: 105 Resp: 157236
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

Manual Integrations
APPROVED

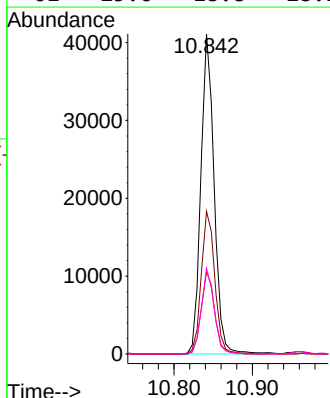
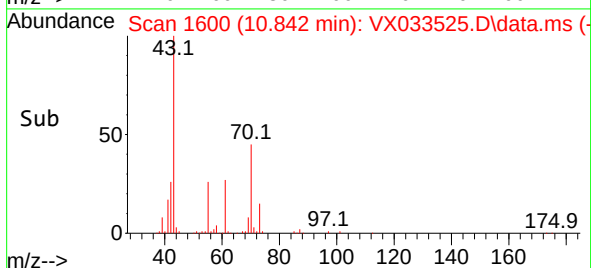
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

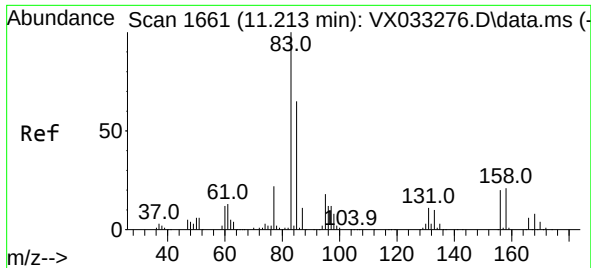


#74
N-ethyl acetate
Concen: 18.174 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11



Tgt Ion: 43 Resp: 48410
Ion Ratio Lower Upper
43 100
70 45.4 33.6 50.4
55 25.9 19.4 29.2
61 25.6 18.8 28.2





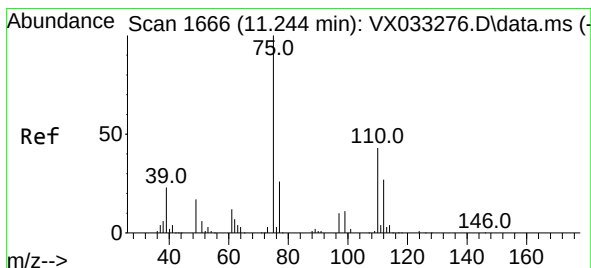
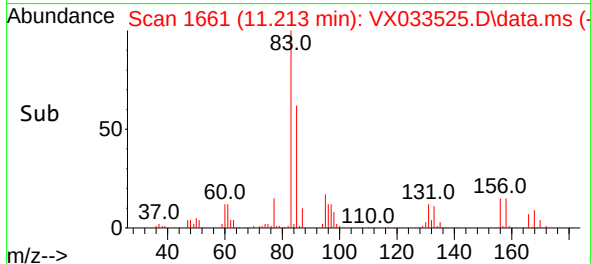
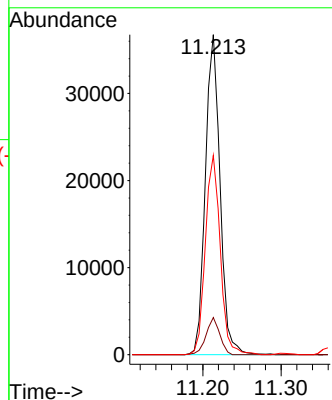
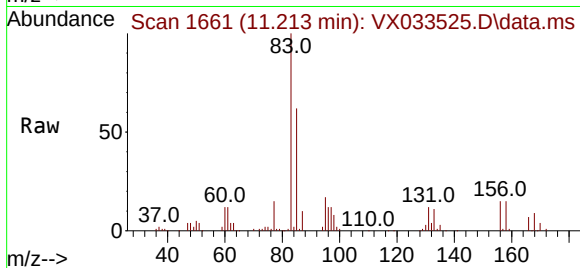
#75
1,1,2,2-Tetrachloroethane
Concen: 19.272 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 83 Resp: 47734
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.4 31.9 95.9

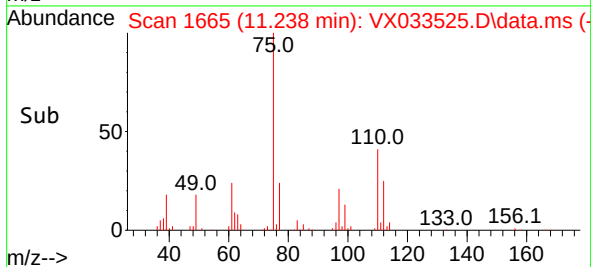
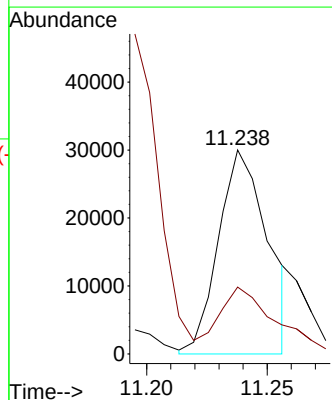
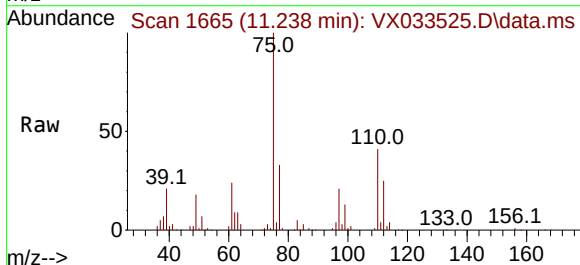
Manual Integrations
APPROVED

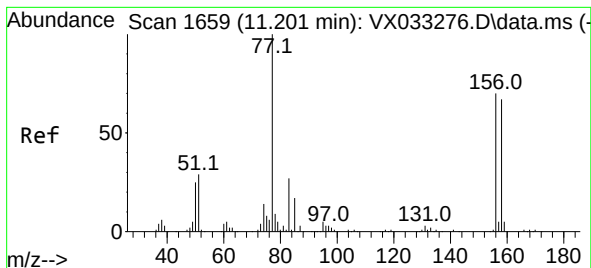
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#76
1,2,3-Trichloropropane
Concen: 19.455 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion: 75 Resp: 42635
Ion Ratio Lower Upper
75 100
77 38.2 20.0 60.0





#77

Bromobenzene

Concen: 19.987 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

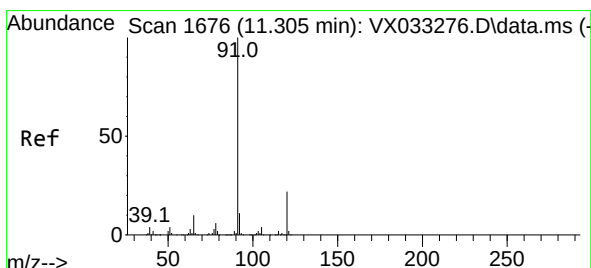
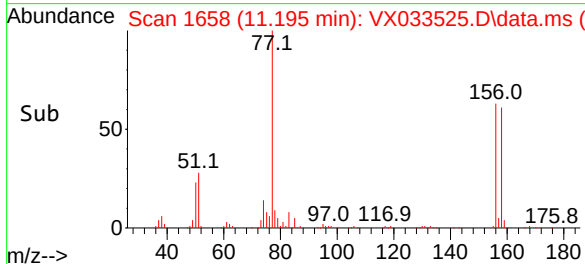
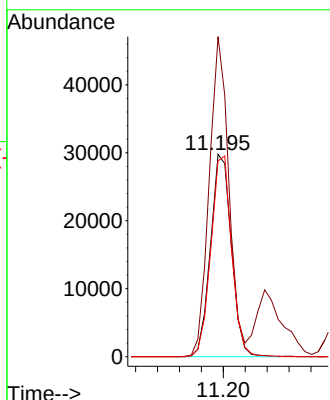
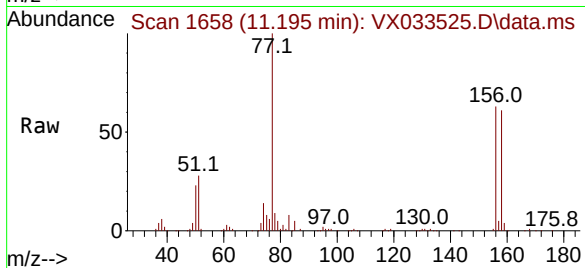
Tgt Ion:	156	Resp:	39404
Ion Ratio	Lower	Upper	
156	100		
77	147.9	76.1	228.4
158	98.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#78

n-propylbenzene

Concen: 20.046 ug/l

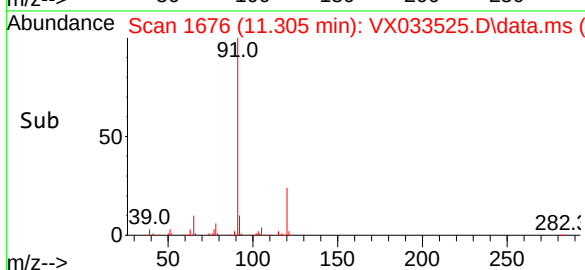
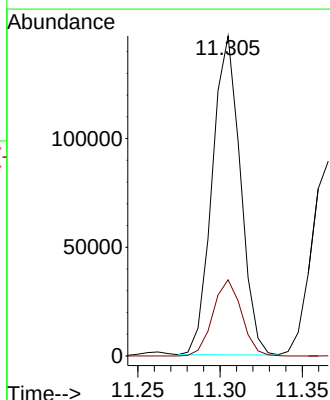
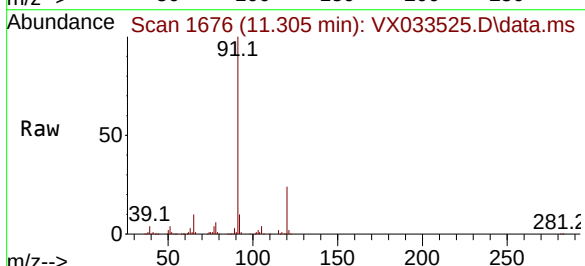
RT: 11.305 min Scan# 1676

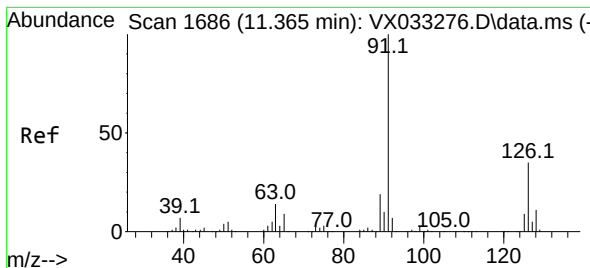
Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Tgt Ion:	91	Resp:	174757
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.6	34.8





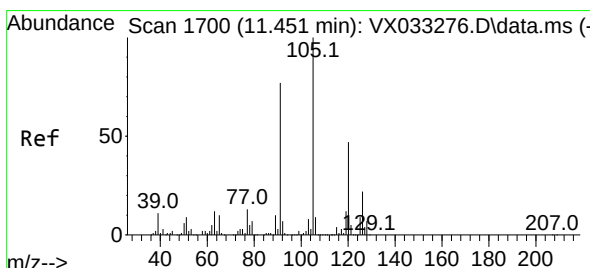
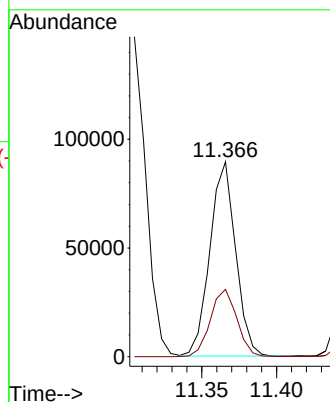
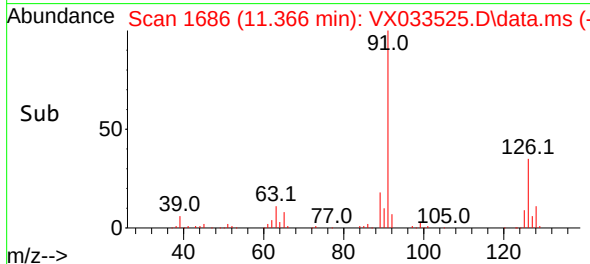
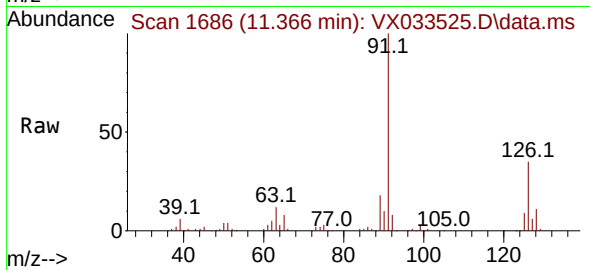
#79
2-Chlorotoluene
Concen: 19.874 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 91 Resp: 10707
Ion Ratio Lower Upper
91 100
126 35.7 17.1 51.2

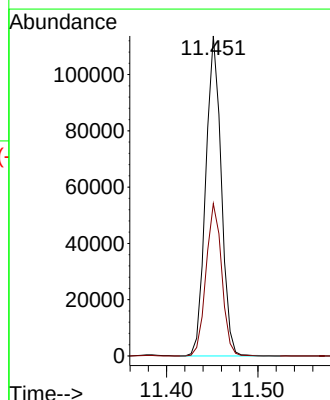
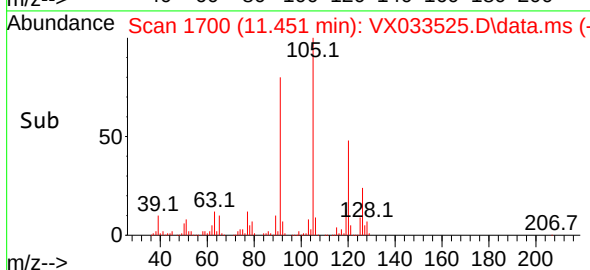
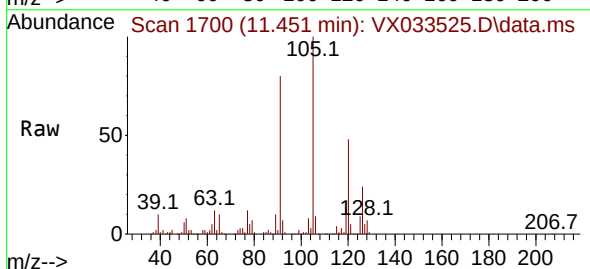
Manual Integrations
APPROVED

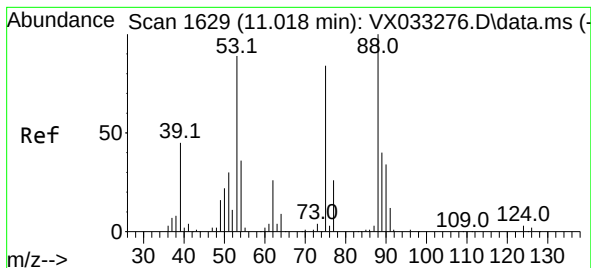
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.535 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Tgt Ion:105 Resp: 133452
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





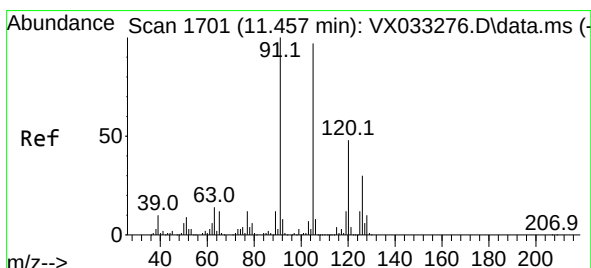
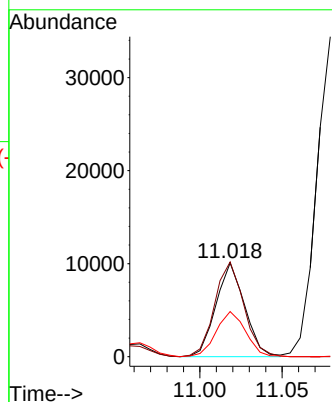
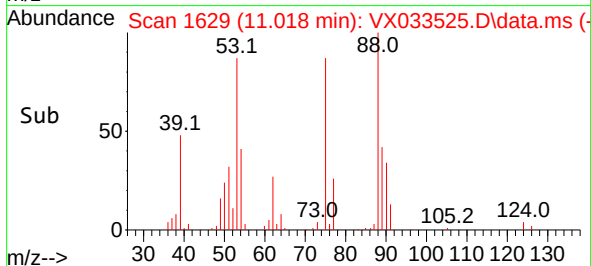
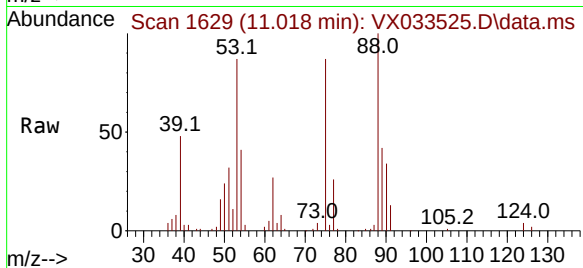
#81
trans-1,4-Dichloro-2-butene
Concen: 17.357 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion: 75 Resp: 12228
Ion Ratio Lower Upper
75 100
53 102.7 86.9 130.3
89 49.5 38.3 57.5

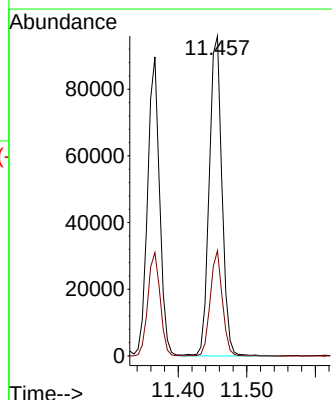
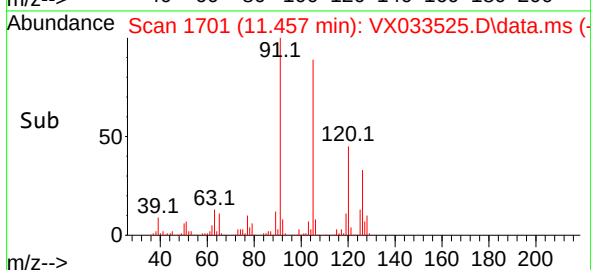
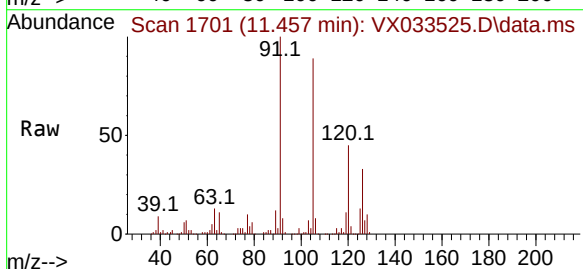
Manual Integrations
APPROVED

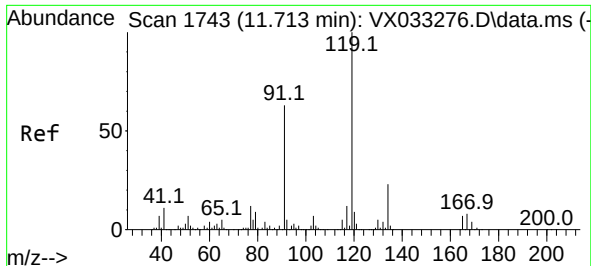
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 19.784 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

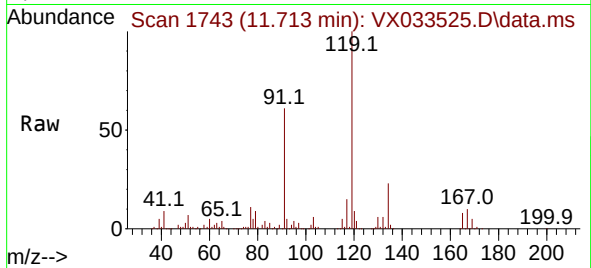
Tgt Ion: 91 Resp: 123940
Ion Ratio Lower Upper
91 100
126 31.3 14.8 44.4





#83
tert-Butylbenzene
Concen: 20.271 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

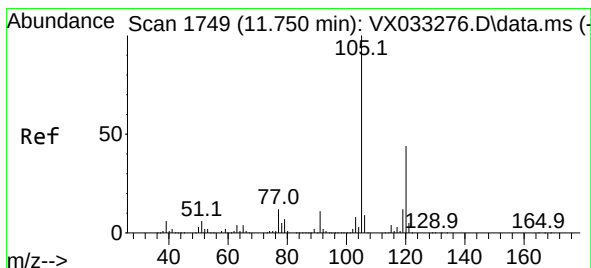
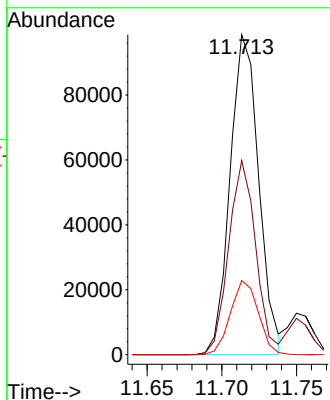
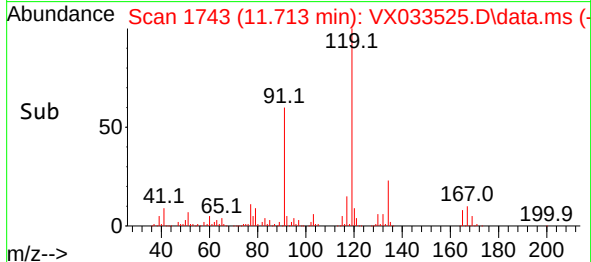
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



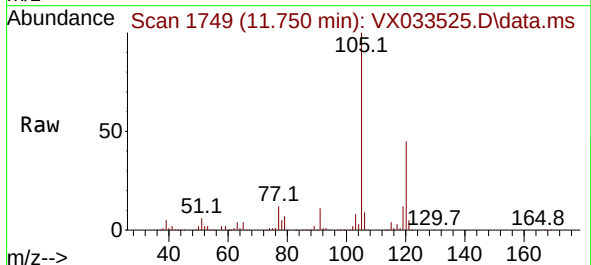
Tgt Ion:119 Resp: 13136
Ion Ratio Lower Upper
119 100
91 57.5 29.4 88.2
134 22.5 11.0 33.0

Manual Integrations
APPROVED

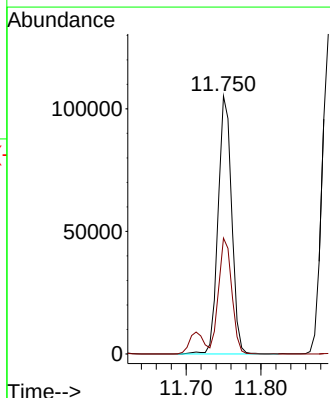
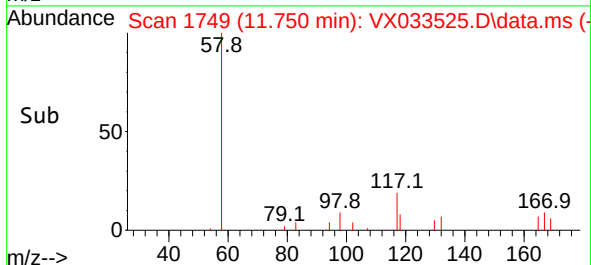
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

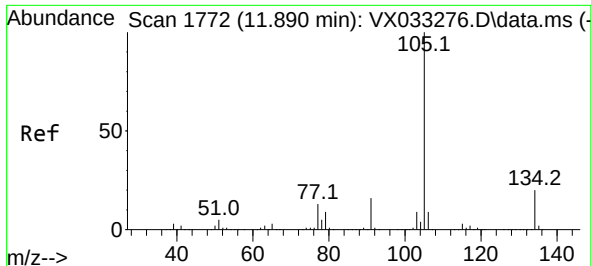


#84
1,2,4-Trimethylbenzene
Concen: 20.492 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11



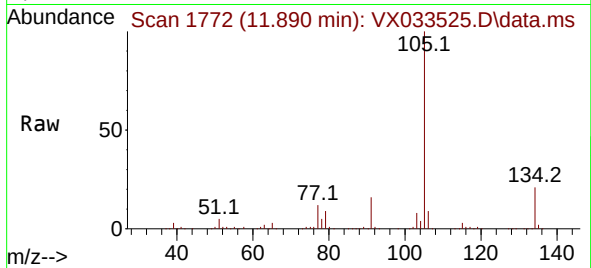
Tgt Ion:105 Resp: 132939
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 20.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033525.D
 Acq: 21 Dec 2022 11:11

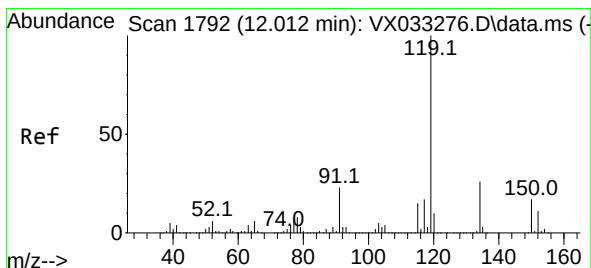
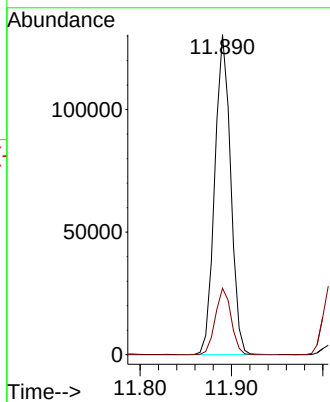
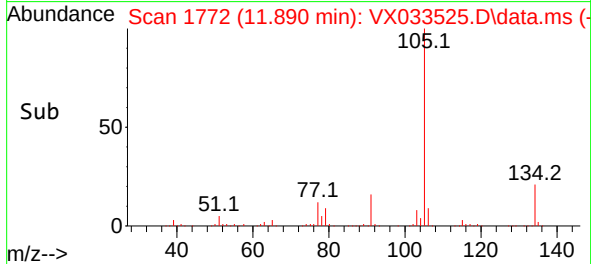
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBS01



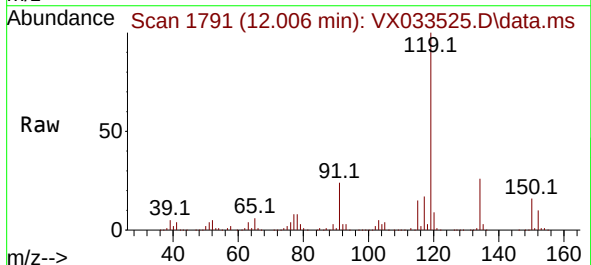
Tgt Ion:105 Resp: 157544
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.9 29.7

Manual Integrations
 APPROVED

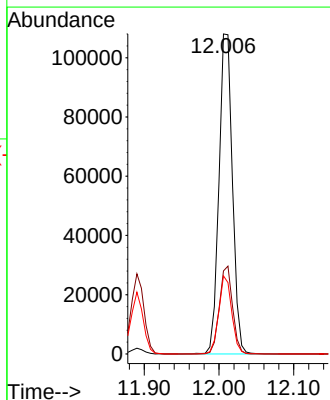
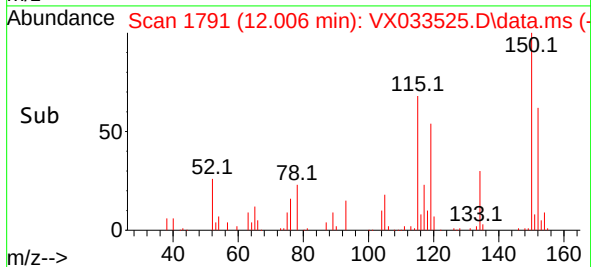
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

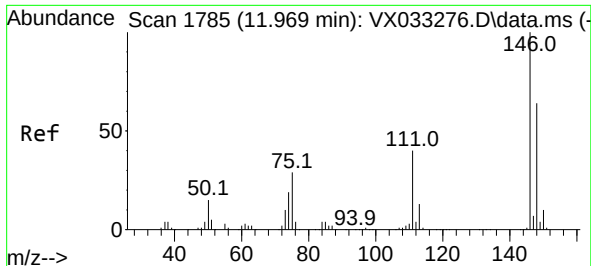


#86
 p-Isopropyltoluene
 Concen: 20.830 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033525.D
 Acq: 21 Dec 2022 11:11



Tgt Ion:119 Resp: 135790
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 23.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.393 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBS01

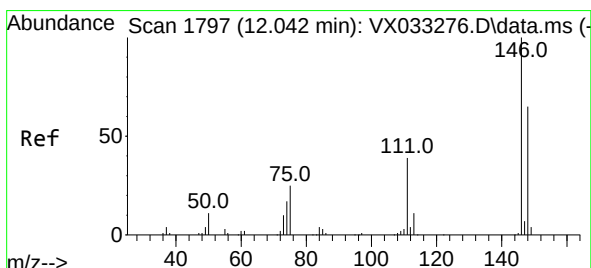
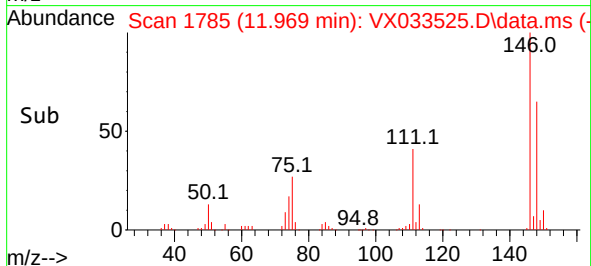
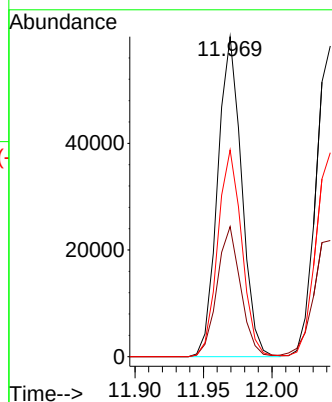
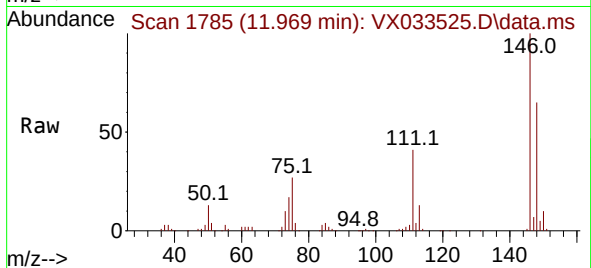
Tgt Ion:146 Resp: 72830
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 64.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#88

1,4-Dichlorobenzene

Concen: 19.906 ug/l

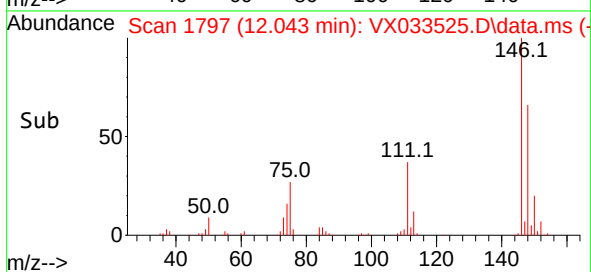
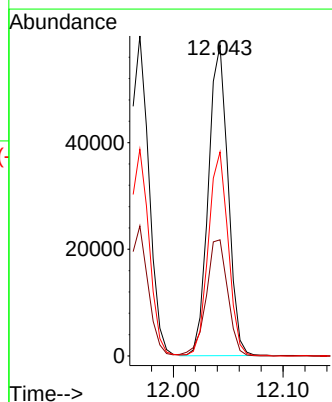
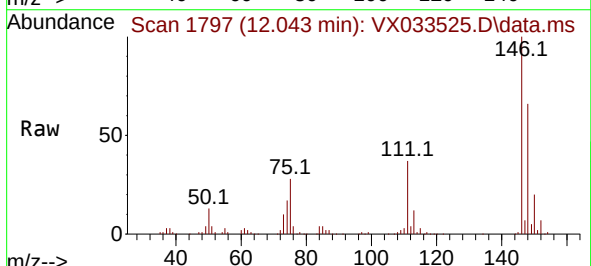
RT: 12.043 min Scan# 1797

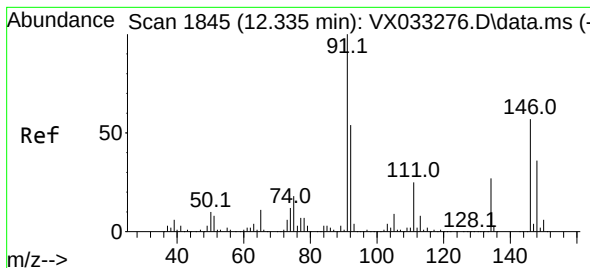
Delta R.T. 0.000 min

Lab File: VX033525.D

Acq: 21 Dec 2022 11:11

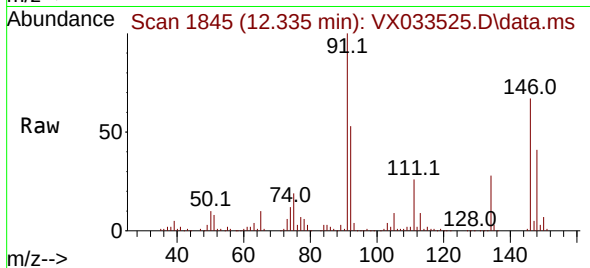
Tgt Ion:146 Resp: 72614
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.6
 148 66.4 32.2 96.6





#89
n-Butylbenzene
Concen: 20.642 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

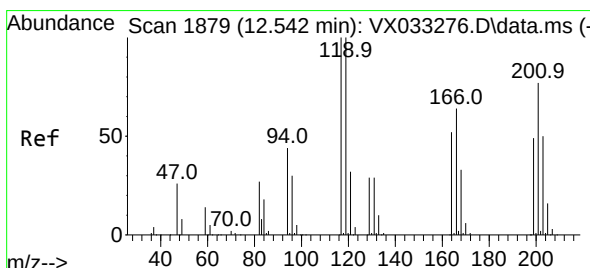
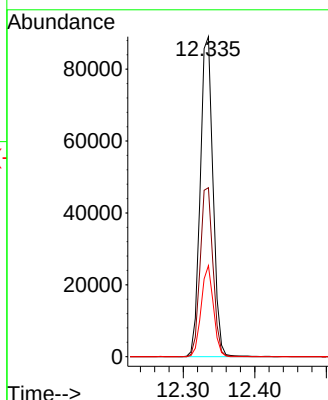
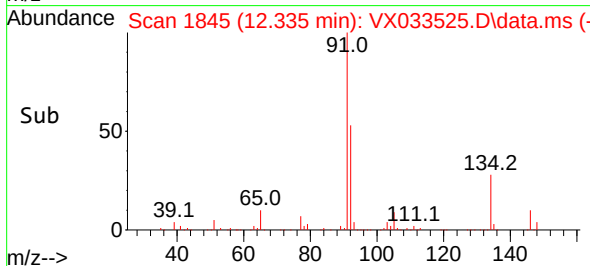
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



Tgt Ion: 91 Resp: 11021
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.6
134 27.2 12.9 38.6

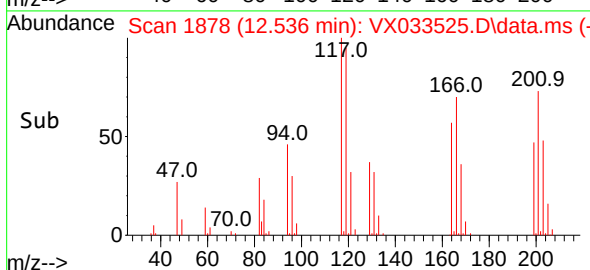
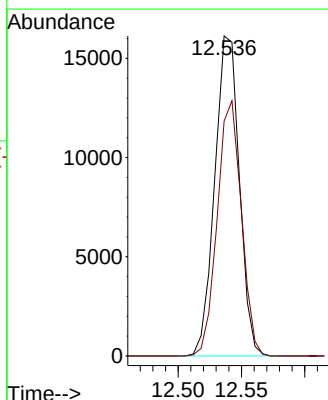
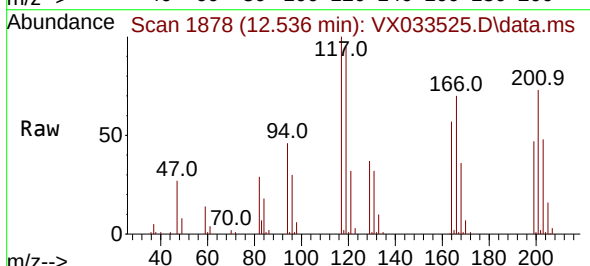
Manual Integrations
APPROVED

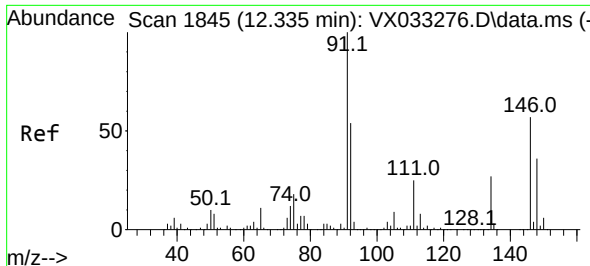
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 19.675 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

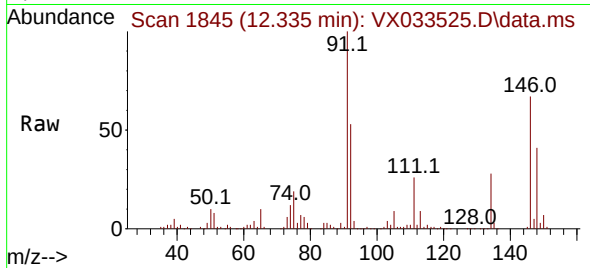
Tgt Ion:117 Resp: 21801
Ion Ratio Lower Upper
117 100
201 78.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 20.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

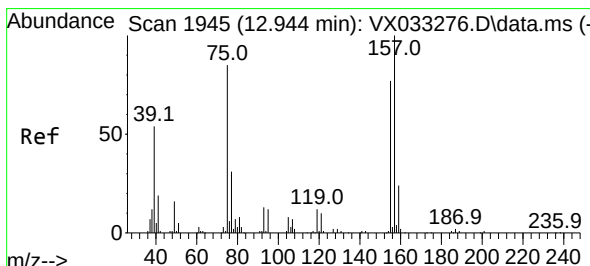
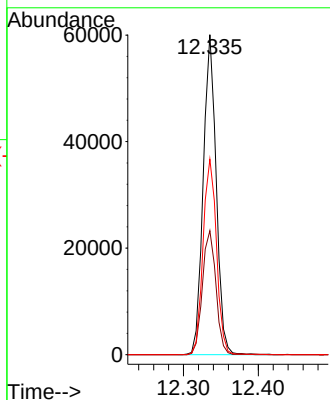
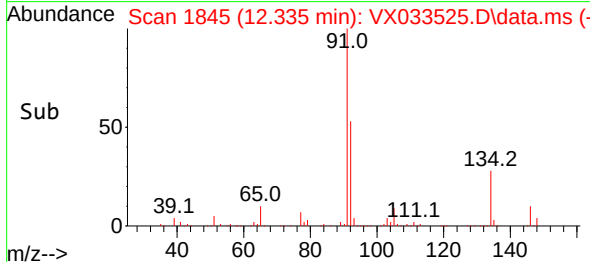
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



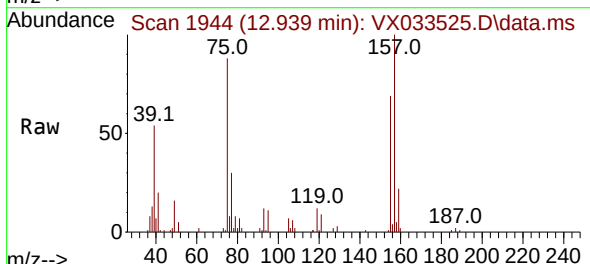
Tgt Ion:146 Resp: 72480
Ion Ratio Lower Upper
146 100
111 40.3 21.5 64.5
148 63.4 32.0 96.2

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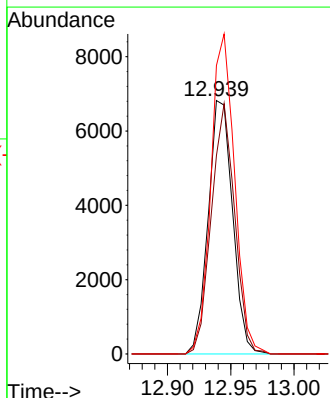
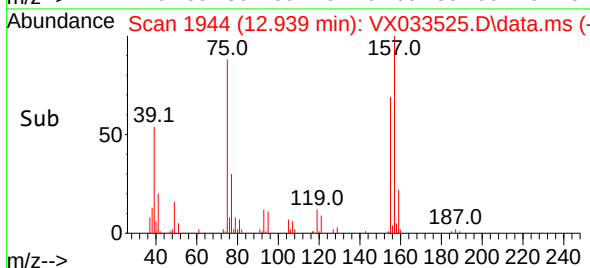
Reviewed By :John Carbone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

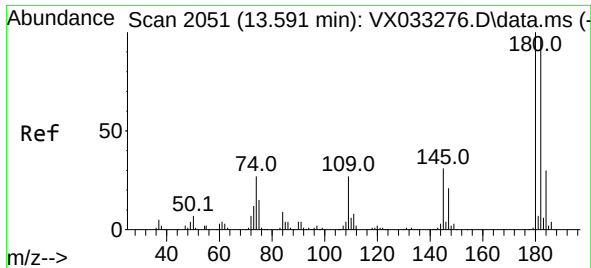


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.088 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11



Tgt Ion: 75 Resp: 9142
Ion Ratio Lower Upper
75 100
155 94.4 41.6 124.8
157 122.7 54.1 162.4





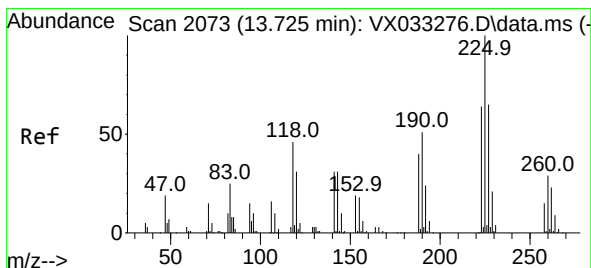
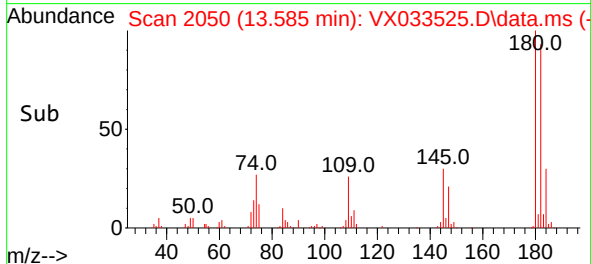
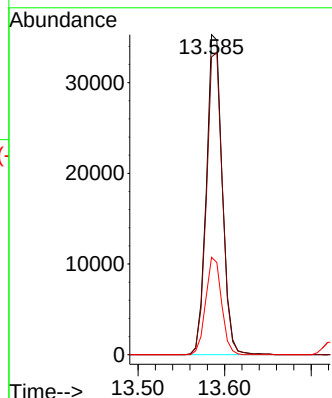
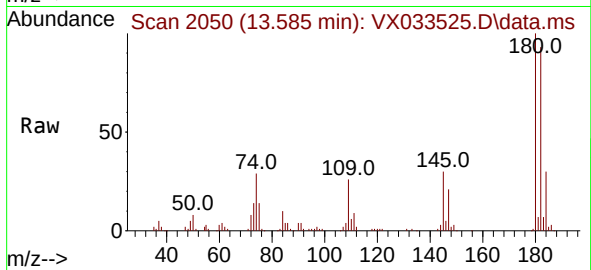
#93
1,2,4-Trichlorobenzene
Concen: 20.851 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01

Tgt Ion:180 Resp: 4496
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 30.3 16.2 48.5

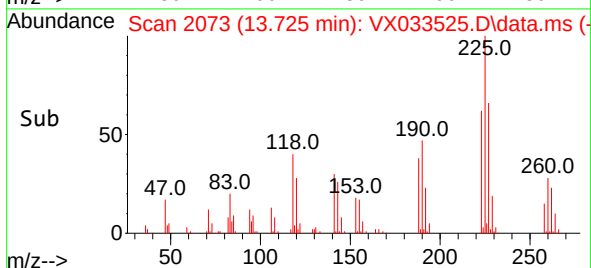
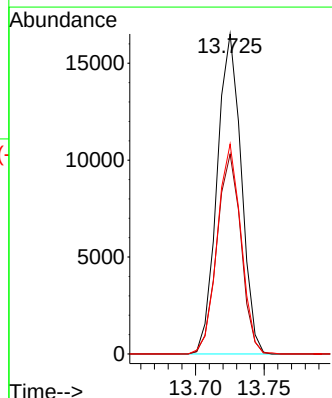
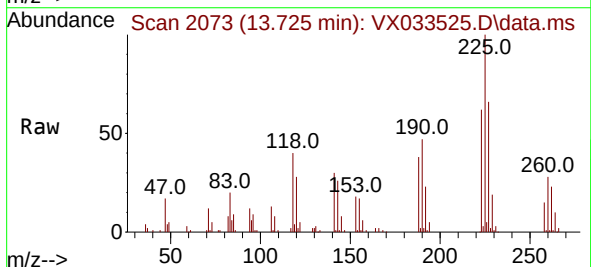
Manual Integrations
APPROVED

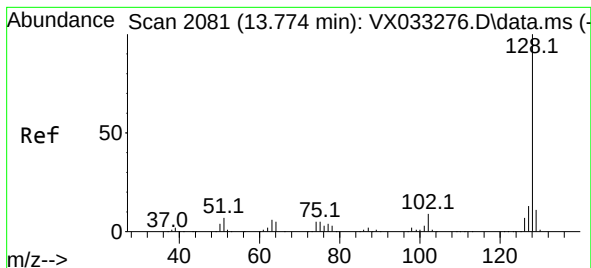
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#94
Hexachlorobutadiene
Concen: 23.398 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

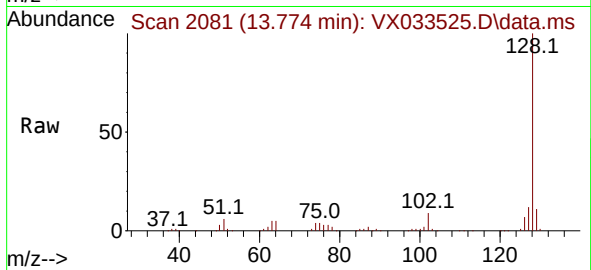
Tgt Ion:225 Resp: 20204
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.9
227 64.5 31.9 95.5





#95
Naphthalene
Concen: 19.955 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11

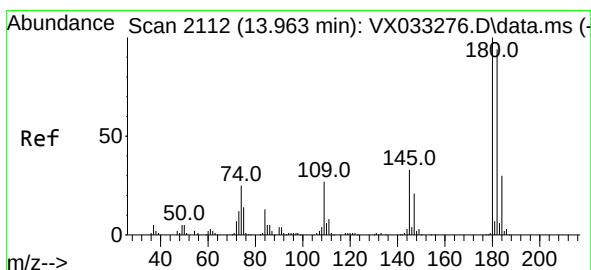
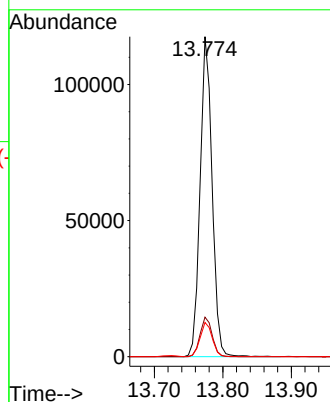
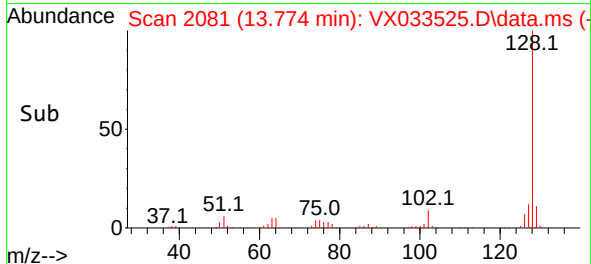
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBS01



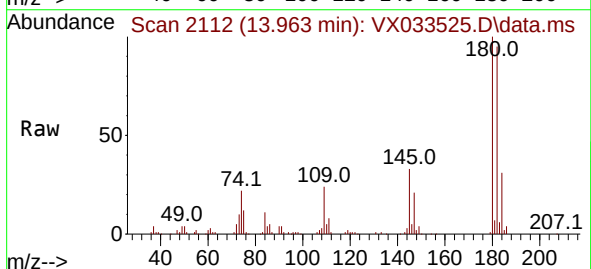
Tgt Ion:128 Resp: 14353
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.461 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033525.D
Acq: 21 Dec 2022 11:11



Tgt Ion:180 Resp: 44687
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.6
145 34.0 16.9 50.6

