

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035291.D
 Acq On : 25 Apr 2023 18:09
 Operator : JC/MD
 Sample : VX0425MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 01:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	262934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	418831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166098	52.361	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.385	113	134100	52.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	8.647	98	501647	51.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.460%			
62) 4-Bromofluorobenzene	11.079	95	189895	52.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	54414	19.558	ug/l	100
3) Chloromethane	1.294	50	45836	18.110	ug/l	99
4) Vinyl Chloride	1.374	62	47166	18.581	ug/l	96
5) Bromomethane	1.617	94	32551	19.293	ug/l	92
6) Chloroethane	1.691	64	28608	19.269	ug/l	100
7) Trichlorofluoromethane	1.892	101	73651	18.554	ug/l	98
8) Diethyl Ether	2.136	74	27359	18.903	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	49493	18.667	ug/l	95
10) Methyl Iodide	2.453	142	61477	18.372	ug/l	98
11) Tert butyl alcohol	3.038	59	59228	102.544	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	47064	18.429	ug/l	97
13) Acrolein	2.239	56	47959	84.433	ug/l	100
14) Allyl chloride	2.666	41	82282	18.309	ug/l	98
15) Acrylonitrile	3.068	53	140371	97.170	ug/l	99
16) Acetone	2.404	43	123555	89.681	ug/l	96
17) Carbon Disulfide	2.514	76	109551	17.895	ug/l	100
18) Methyl Acetate	2.709	43	106748	20.037	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	171187	19.539	ug/l	97
20) Methylene Chloride	2.788	84	55845	17.678	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	51339	18.510	ug/l	97
22) Diisopropyl ether	3.757	45	174841	19.660	ug/l	96
23) Vinyl Acetate	3.721	43	606756	99.258	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94803	18.925	ug/l	99
25) 2-Butanone	4.568	43	193447	96.199	ug/l	96
26) 2,2-Dichloropropane	4.477	77	68476	17.448	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	61049	18.726	ug/l	94
28) Bromochloromethane	4.891	49	45565	21.345	ug/l	88
29) Tetrahydrofuran	5.019	42	125674	97.490	ug/l	96
30) Chloroform	5.092	83	97635	19.307	ug/l	93
31) Cyclohexane	5.470	56	87162	19.370	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	84150	18.988	ug/l	97
36) 1,1-Dichloropropene	5.690	75	73450	18.299	ug/l	98
37) Ethyl Acetate	4.715	43	73162	19.956	ug/l	96
38) Carbon Tetrachloride	5.678	117	69906	18.346	ug/l	98
39) Methylcyclohexane	7.379	83	90068	18.434	ug/l	97
40) Benzene	6.037	78	216167	18.773	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41052	19.542	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78143	19.034	ug/l	98
43) Isopropyl Acetate	6.336	43	118339	19.210	ug/l	95
44) Trichloroethene	7.123	130	59176	18.655	ug/l	92
45) 1,2-Dichloropropane	7.434	63	55274	19.040	ug/l	98
46) Dibromomethane	7.580	93	38163	19.144	ug/l	94
47) Bromodichloromethane	7.824	83	67269	18.315	ug/l	98
48) Methyl methacrylate	7.696	41	59537	19.703	ug/l	93
49) 1,4-Dioxane	7.744	88	29547	401.150	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	372429	98.407	ug/l	96
52) Toluene	8.720	92	138558	18.984	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	71020	18.515	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81536	18.806	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55780	19.171	ug/l	99
56) Ethyl methacrylate	9.116	69	84531	19.502	ug/l	90
57) 1,3-Dichloropropane	9.305	76	95209	19.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	193962	89.495	ug/l	95
59) 2-Hexanone	9.433	43	276641	97.300	ug/l	94
60) Dibromochloromethane	9.519	129	51224	18.374	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57453	19.154	ug/l	99
64) Tetrachloroethene	9.275	164	52652	18.568	ug/l	99
65) Chlorobenzene	10.079	112	147798	18.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51960	18.634	ug/l	99
67) Ethyl Benzene	10.195	91	264729	19.079	ug/l	98
68) m/p-Xylenes	10.305	106	204173	38.401	ug/l	97
69) o-Xylene	10.640	106	99741	19.130	ug/l	99
70) Styrene	10.652	104	161502	19.105	ug/l	98
71) Bromoform	10.799	173	34884	17.985	ug/l #	100
73) Isopropylbenzene	10.963	105	259472	19.709	ug/l	99
74) N-amyl acetate	10.841	43	98813	19.972	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	81072	19.840	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66756m	18.581	ug/l	
77) Bromobenzene	11.201	156	64580	19.733	ug/l	93
78) n-propylbenzene	11.305	91	294254	19.461	ug/l	99
79) 2-Chlorotoluene	11.366	91	178441	18.886	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	221731	19.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18956	17.089	ug/l	92
82) 4-Chlorotoluene	11.457	91	208351	19.634	ug/l	99
83) tert-Butylbenzene	11.713	119	220474	19.794	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	218914	19.627	ug/l	99
85) sec-Butylbenzene	11.890	105	265460	19.430	ug/l	99
86) p-Isopropyltoluene	12.012	119	225279	19.387	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120390	19.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	120270	18.444	ug/l	99
89) n-Butylbenzene	12.335	91	182421	18.597	ug/l	99
90) Hexachloroethane	12.536	117	32731	18.401	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	118382	19.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16133	19.689	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	72655	18.582	ug/l	98
94) Hexachlorobutadiene	13.725	225	31344	18.266	ug/l	99
95) Naphthalene	13.774	128	250764	20.833	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76604	19.462	ug/l	98

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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

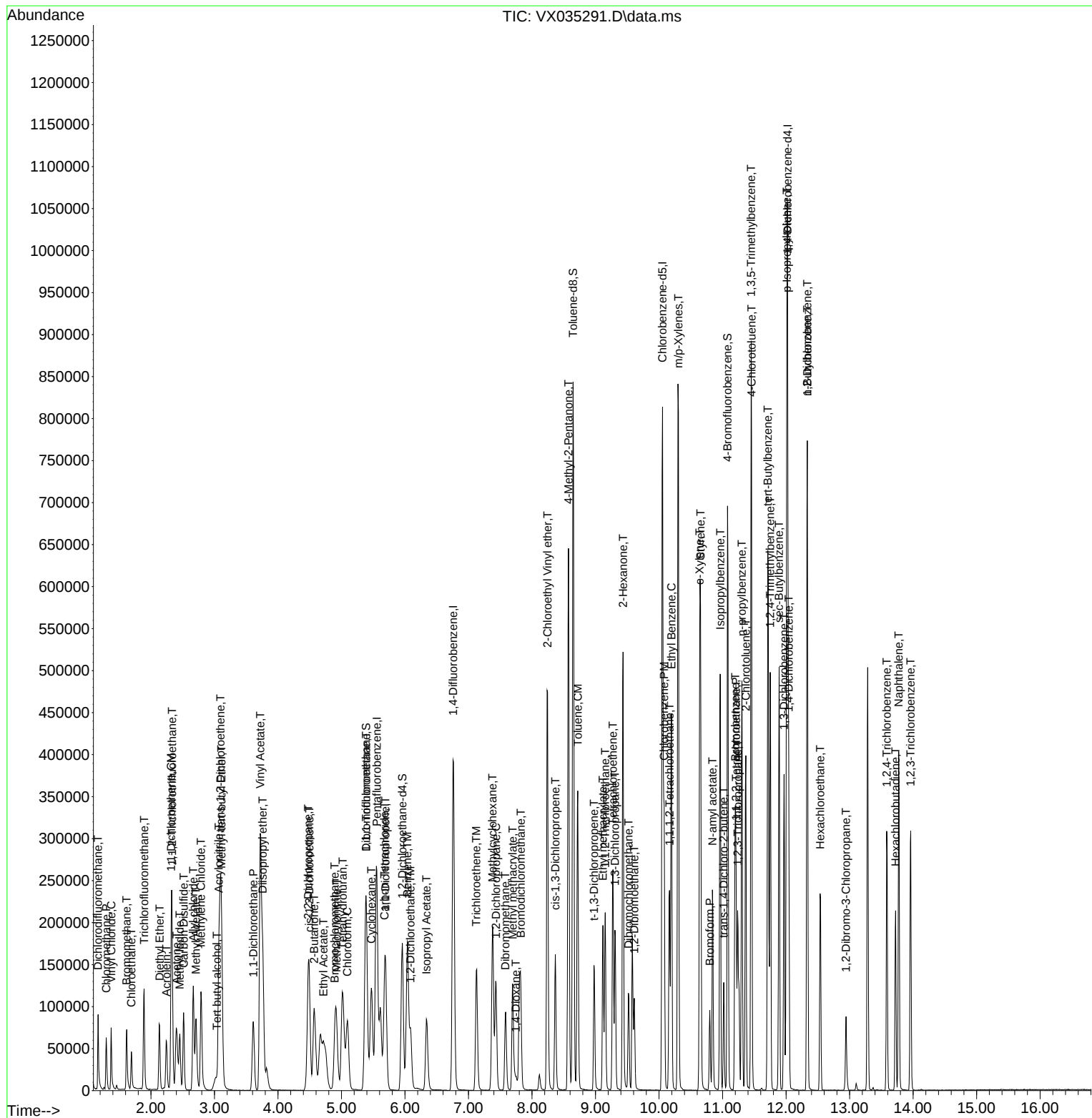
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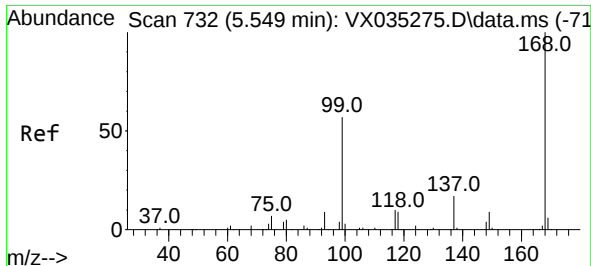
Instrument :
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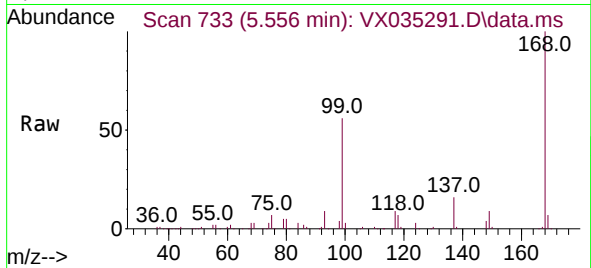
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

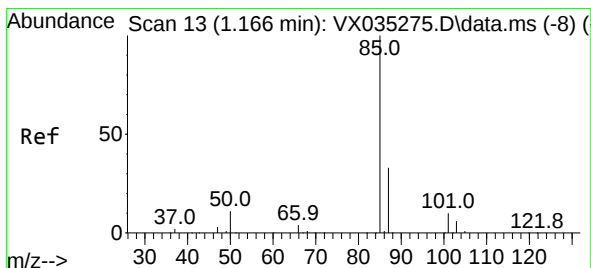
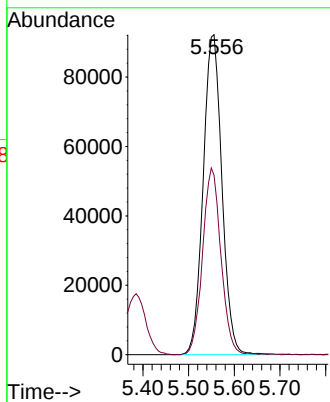
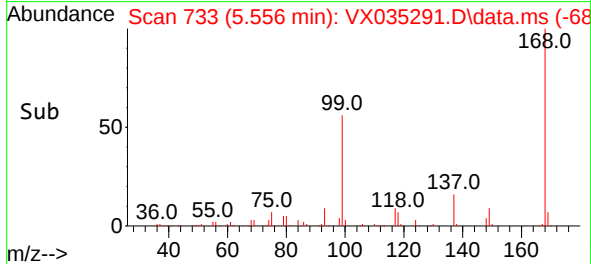
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion:168 Resp: 262934
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5

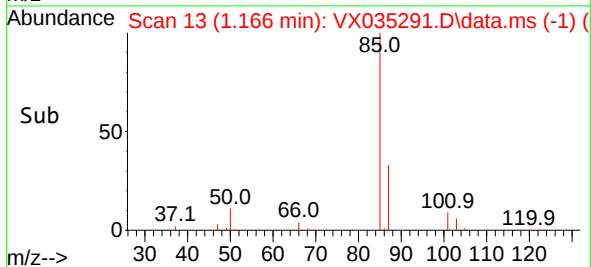
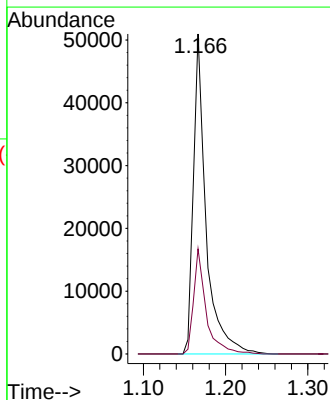
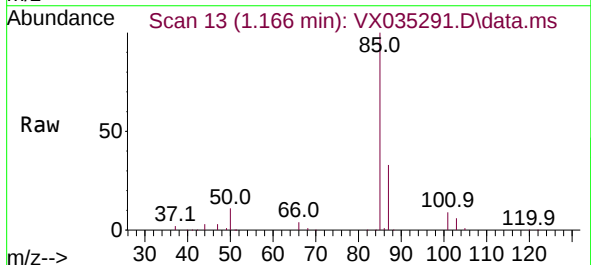
Manual Integrations
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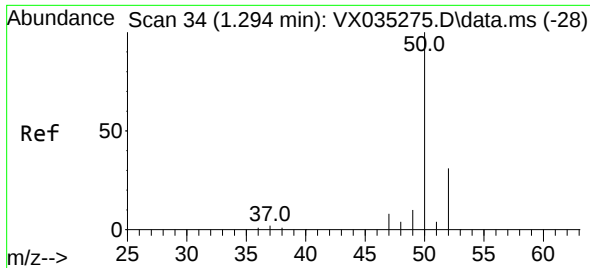
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 19.558 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 85 Resp: 54414
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





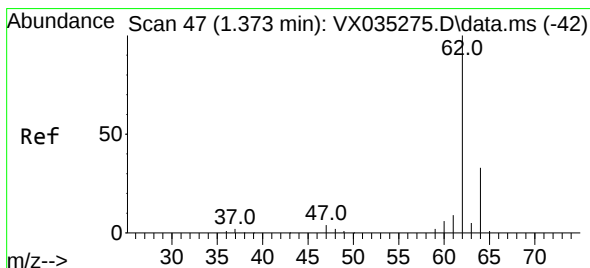
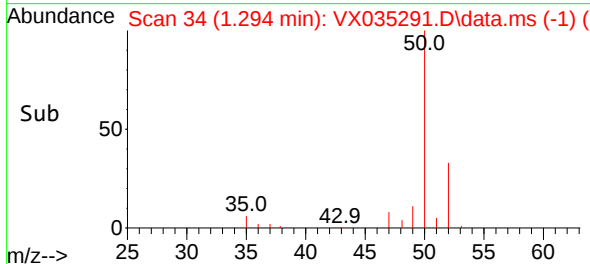
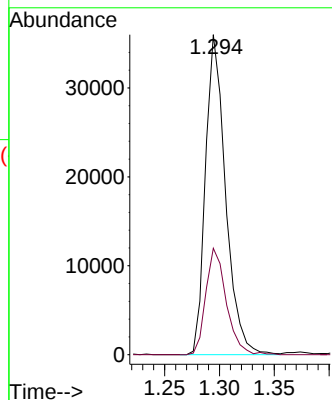
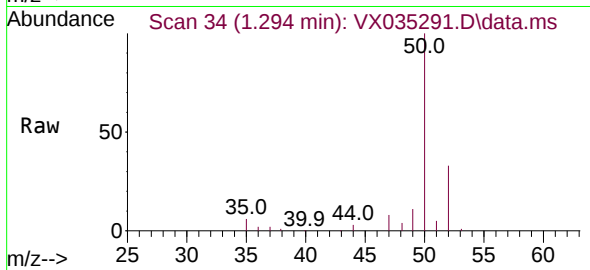
#3
Chloromethane
Concen: 18.110 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
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ClientSampleId :
VX0425MBS01

Tgt Ion: 50 Resp: 45830
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

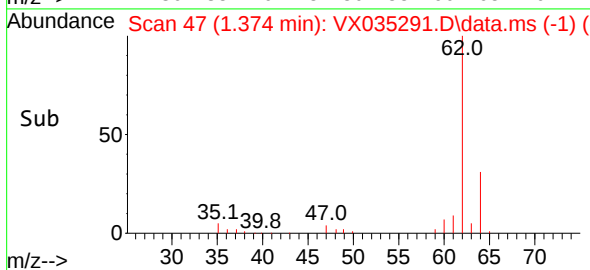
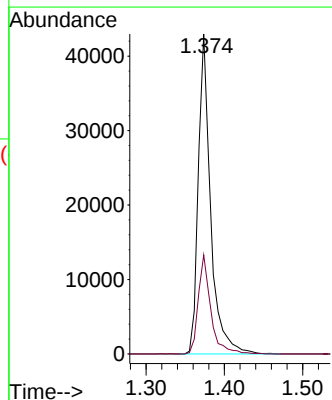
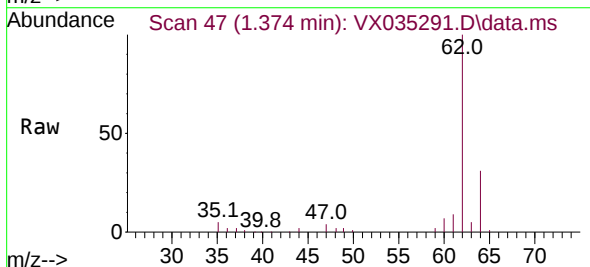
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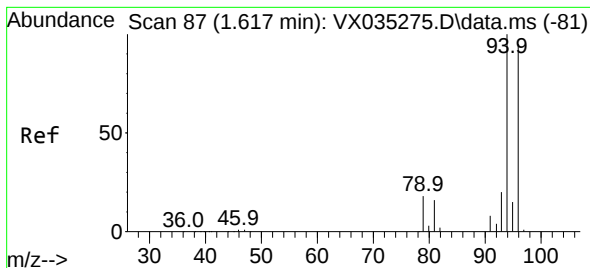
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#4
Vinyl Chloride
Concen: 18.581 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 62 Resp: 47166
Ion Ratio Lower Upper
62 100
64 31.0 26.4 39.6





#5

Bromomethane

Concen: 19.293 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tgt Ion: 94 Resp: 3255

Ion Ratio Lower Upper

94 100

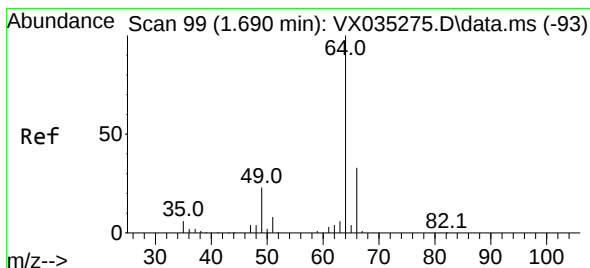
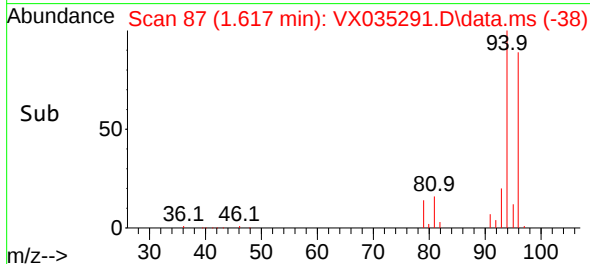
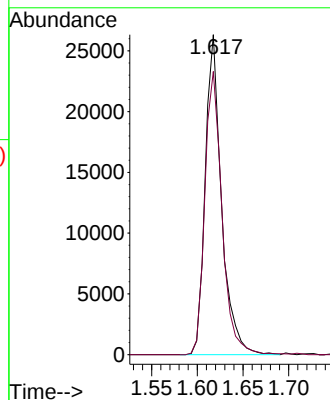
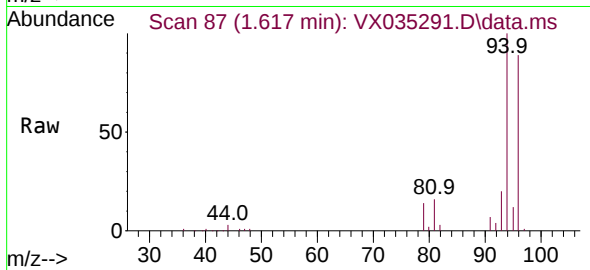
96 88.5 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 19.269 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

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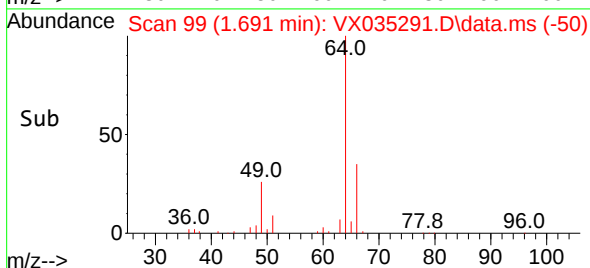
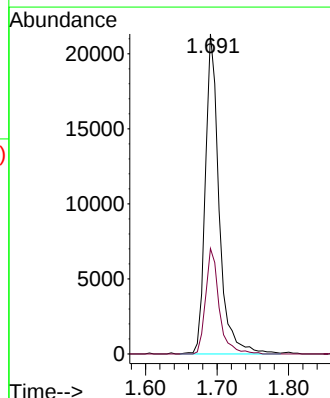
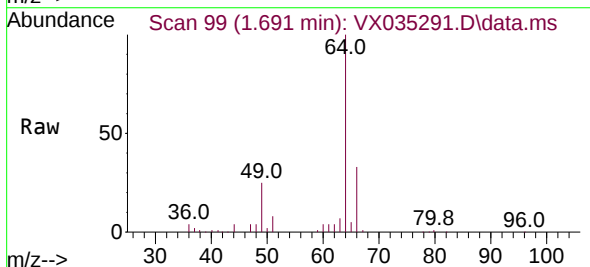
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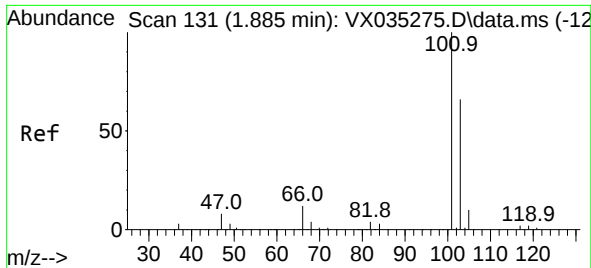
Tgt Ion: 64 Resp: 28608

Ion Ratio Lower Upper

64 100

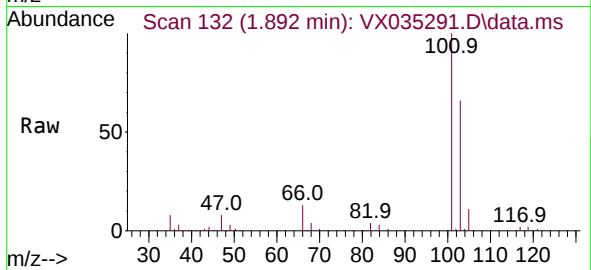
66 32.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.554 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

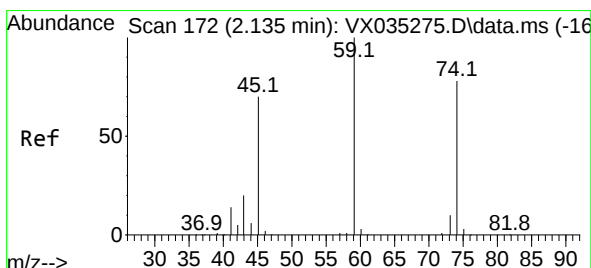
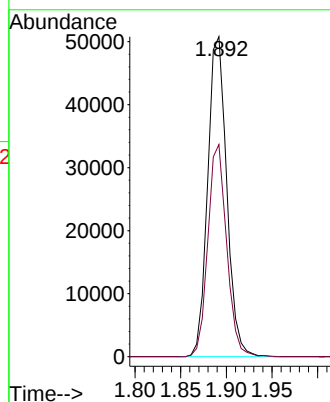
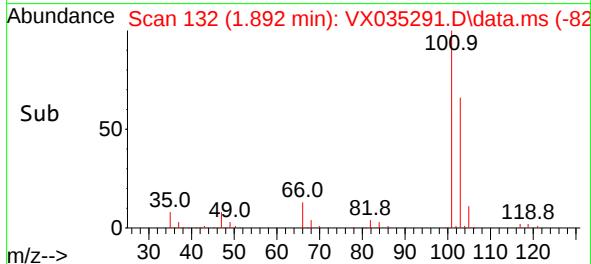
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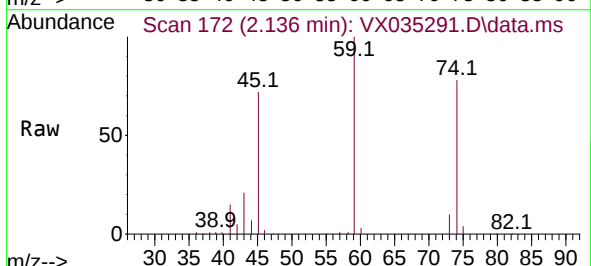
Tgt Ion:101 Resp: 7365
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0

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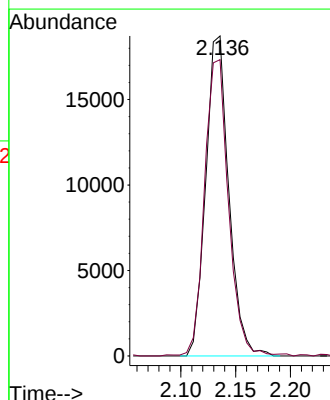
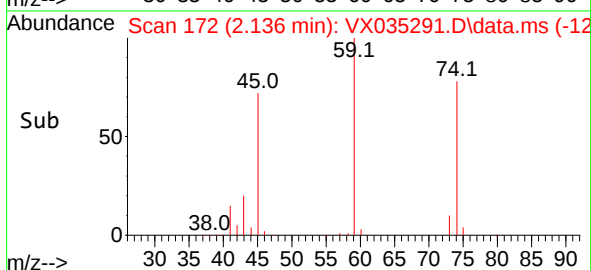
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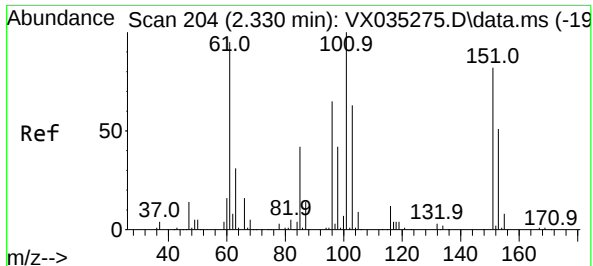


#8
Diethyl Ether
Concen: 18.903 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



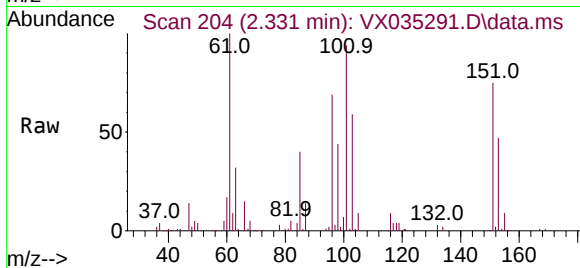
Tgt Ion: 74 Resp: 27359
Ion Ratio Lower Upper
74 100
45 96.4 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.667 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

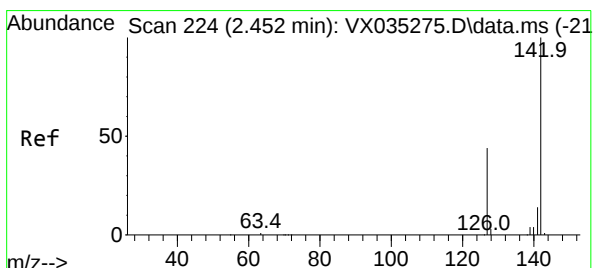
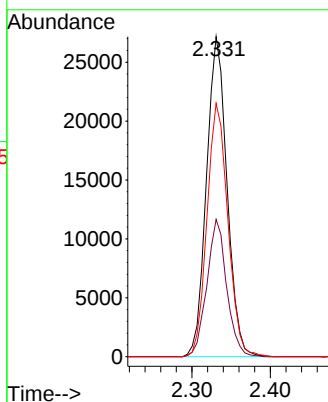
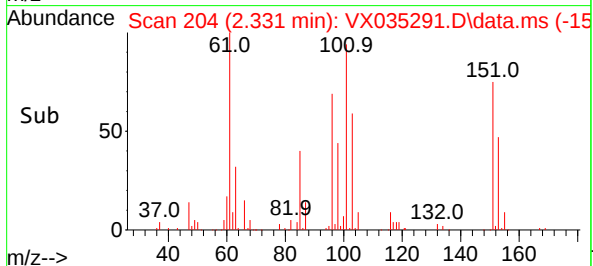
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion:101 Resp: 4949
Ion Ratio Lower Upper
101 100
85 41.3 35.4 53.2
151 80.3 60.2 90.4

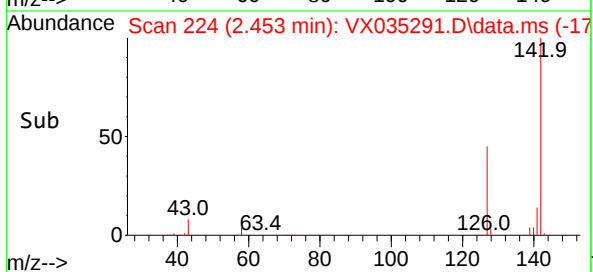
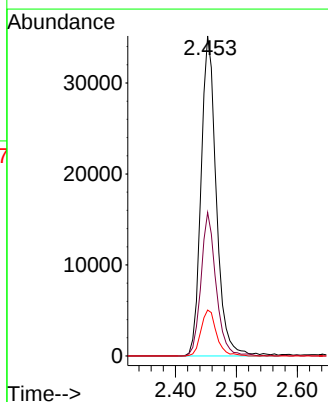
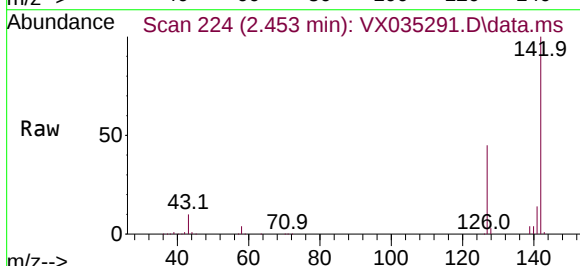
Manual Integrations
APPROVED

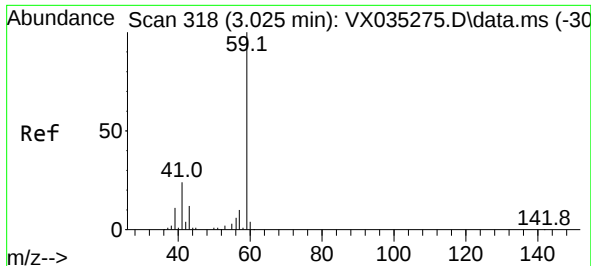
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 18.372 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion:142 Resp: 61477
Ion Ratio Lower Upper
142 100
127 44.0 34.0 51.0
141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 102.544 ug/l

RT: 3.038 min Scan# 318

Delta R.T. 0.013 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tgt Ion: 59 Resp: 59228

Ion Ratio Lower Upper

59 100

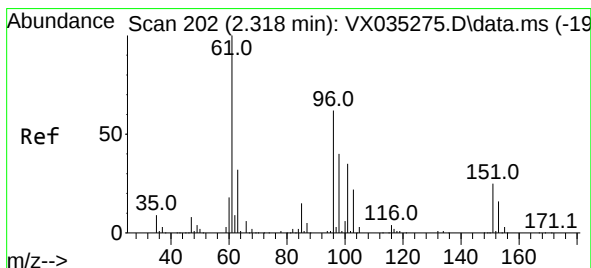
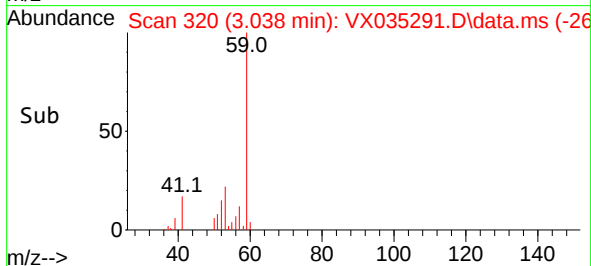
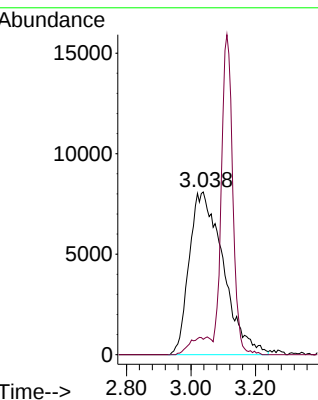
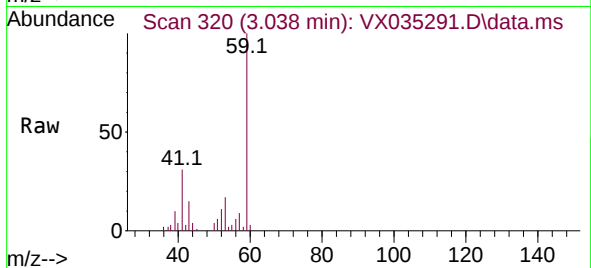
57 4.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#12

1,1-Dichloroethene

Concen: 18.429 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

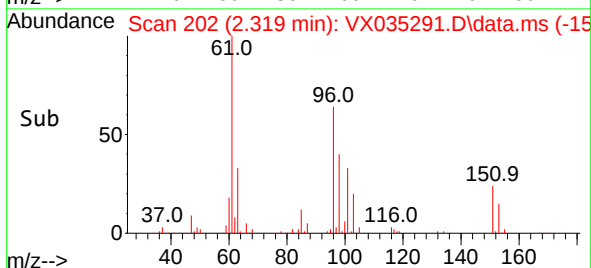
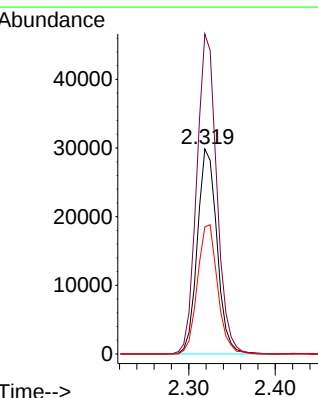
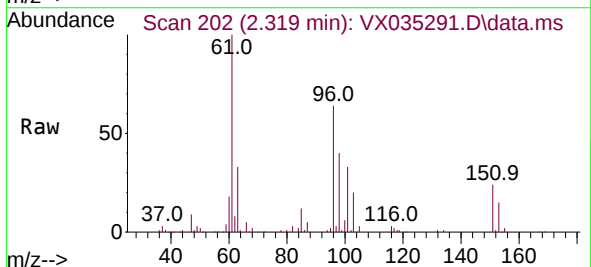
Tgt Ion: 96 Resp: 47064

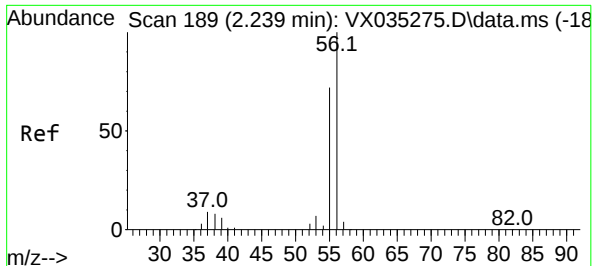
Ion Ratio Lower Upper

96 100

61 156.2 128.8 193.2

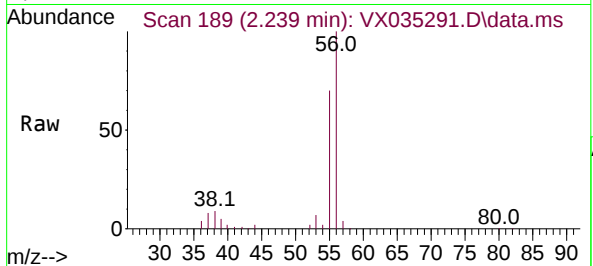
98 62.0 51.4 77.0





#13
Acrolein
Concen: 84.433 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

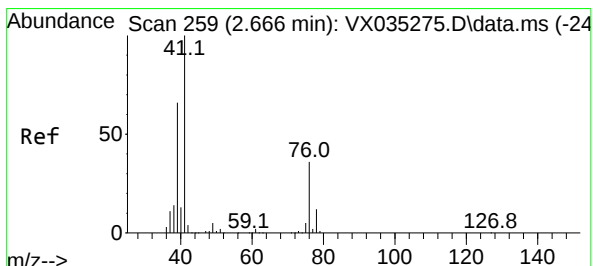
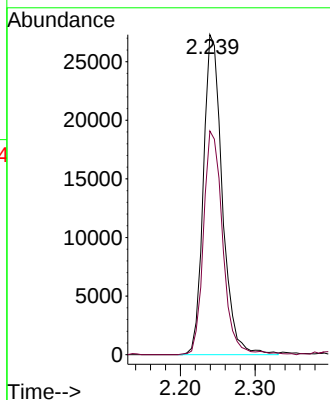
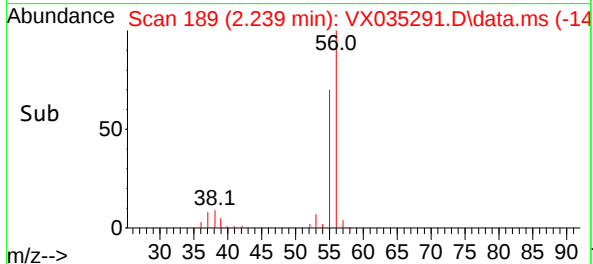
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



Tgt Ion: 56 Resp: 47959
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

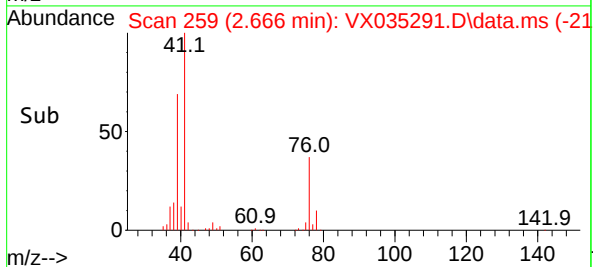
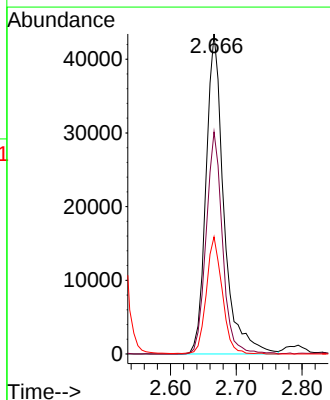
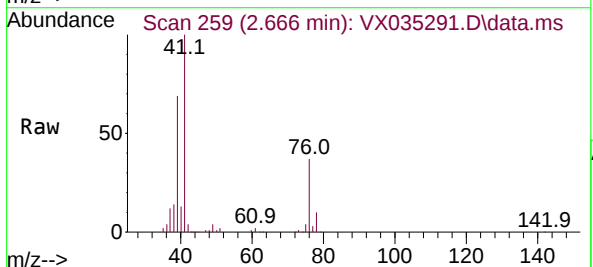
Manual Integrations
APPROVED

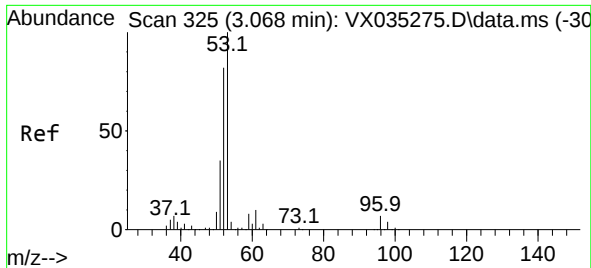
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 18.309 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

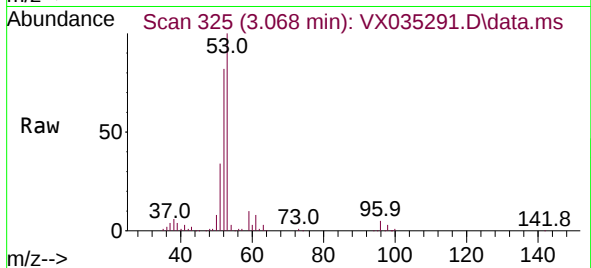
Tgt Ion: 41 Resp: 82282
Ion Ratio Lower Upper
41 100
39 63.4 52.4 78.6
76 32.5 26.0 39.0





#15
Acrylonitrile
Concen: 97.170 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

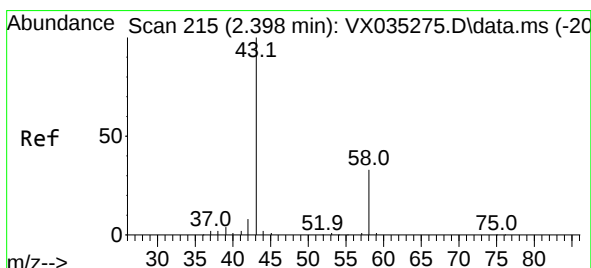
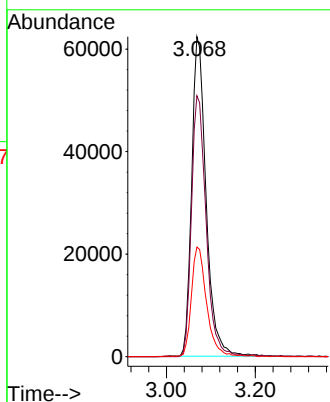
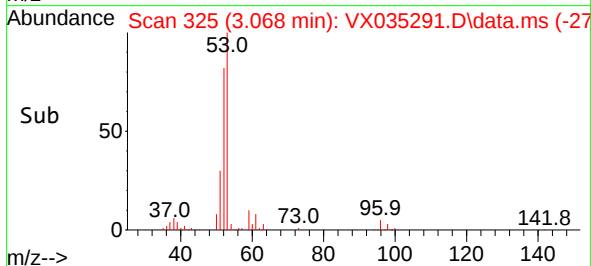
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



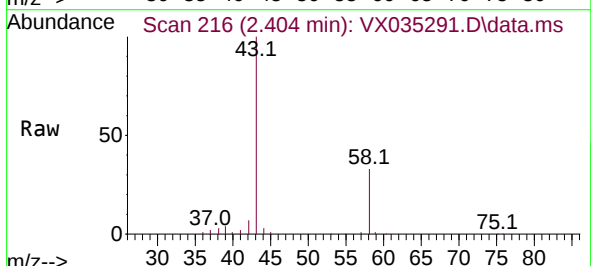
Tgt Ion: 53 Resp: 14037
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.3 28.3 42.5

Manual Integrations
APPROVED

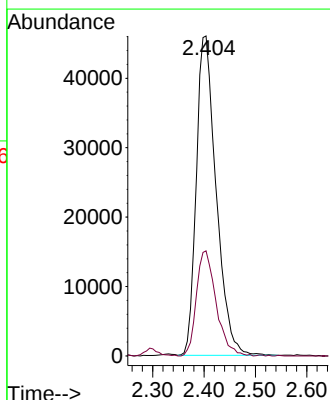
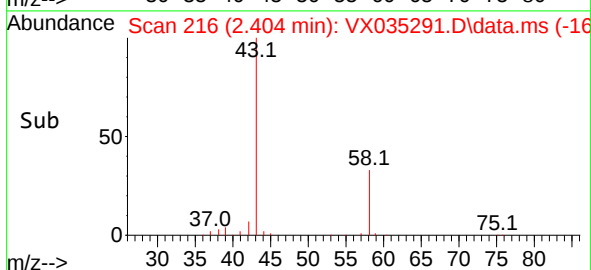
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

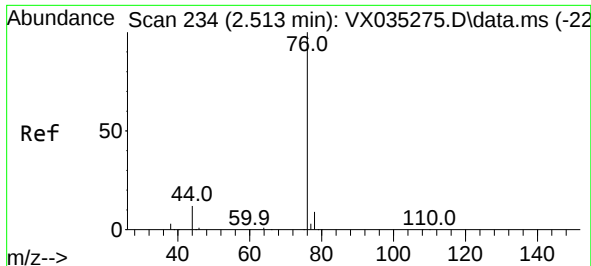


#16
Acetone
Concen: 89.681 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



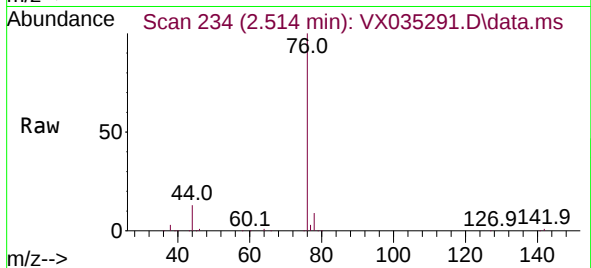
Tgt Ion: 43 Resp: 123555
Ion Ratio Lower Upper
43 100
58 32.9 24.7 37.1





#17
Carbon Disulfide
Concen: 17.895 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

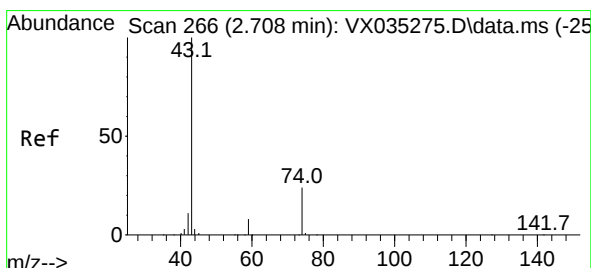
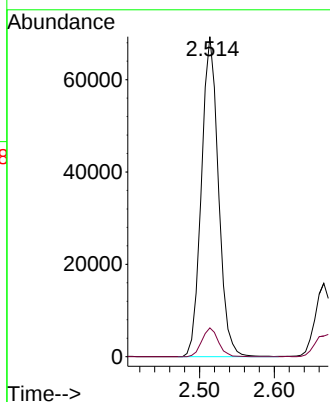
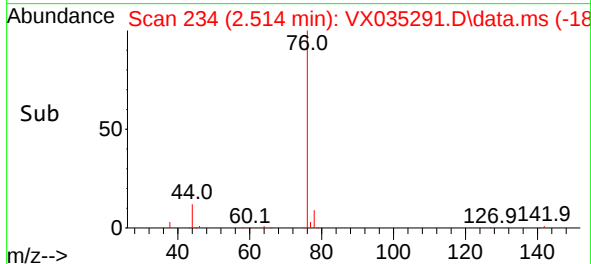
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



Tgt Ion: 76 Resp: 10955
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

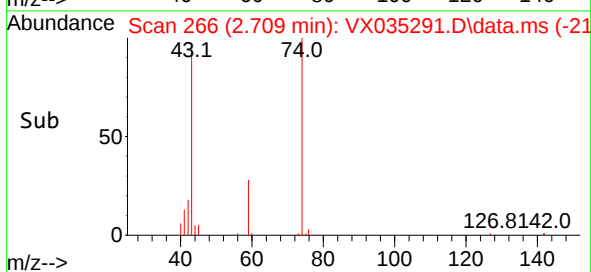
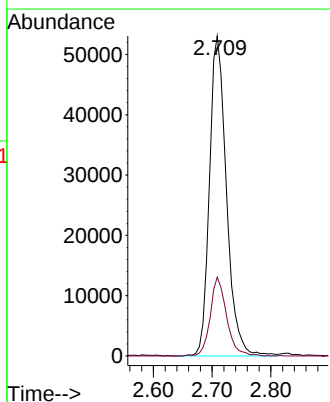
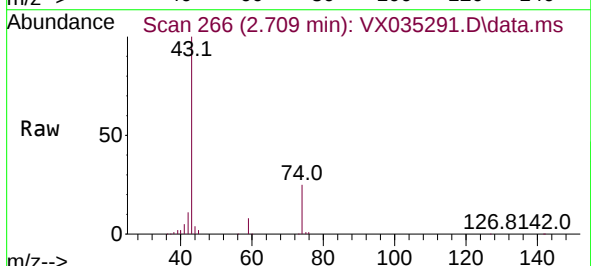
Manual Integrations
APPROVED

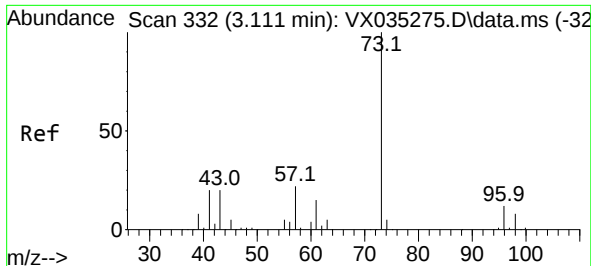
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl Acetate
Concen: 20.037 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 43 Resp: 106748
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5





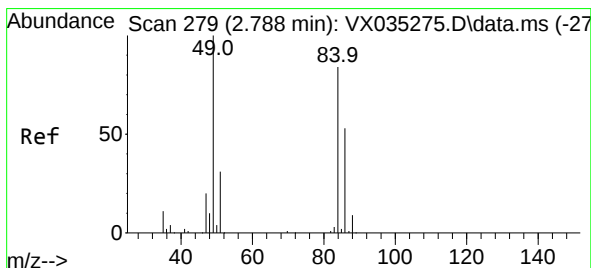
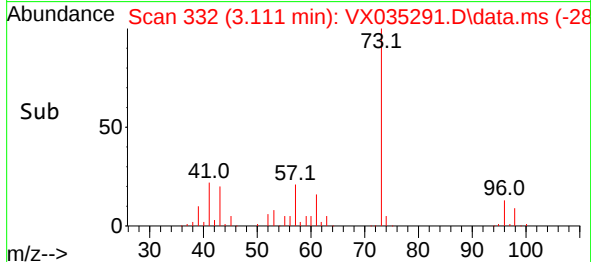
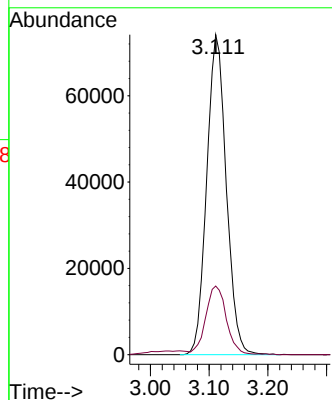
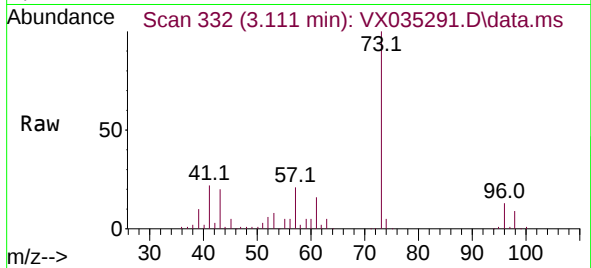
#19
Methyl tert-butyl Ether
Concen: 19.539 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 73 Resp: 17118
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7

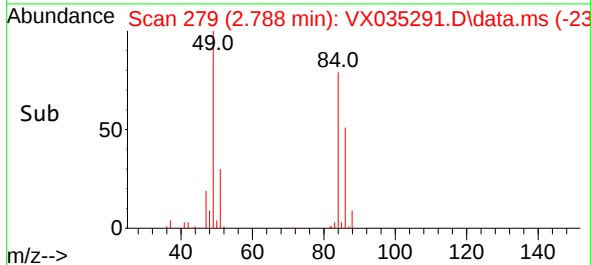
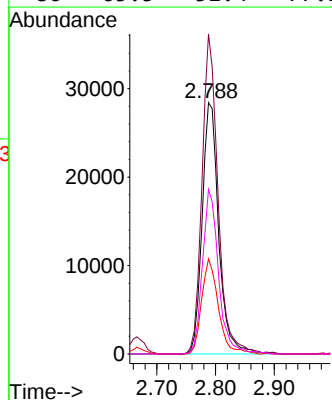
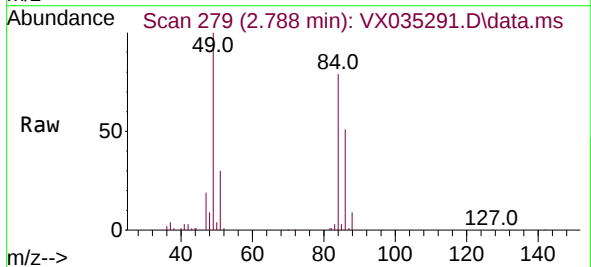
Manual Integrations
APPROVED

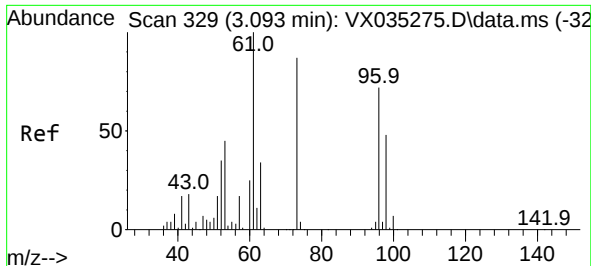
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 17.678 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 84 Resp: 55845
Ion Ratio Lower Upper
84 100
49 127.3 103.8 155.8
51 37.8 31.8 47.8
86 65.5 51.4 77.2





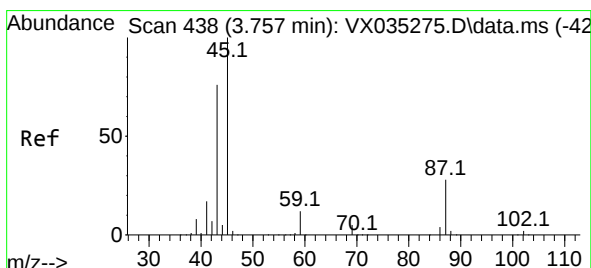
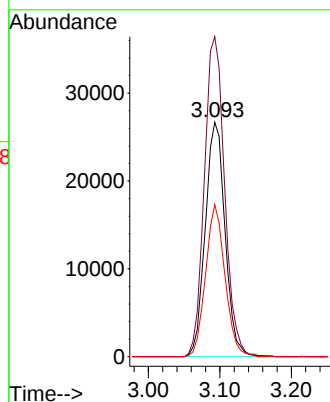
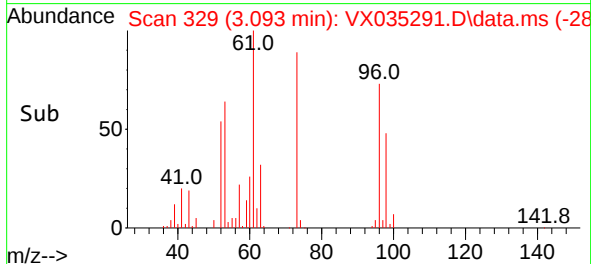
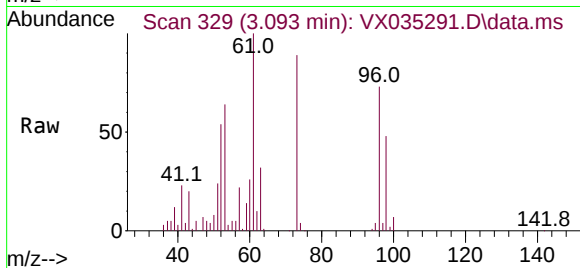
#21
trans-1,2-Dichloroethene
Concen: 18.510 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 96 Resp: 51339
Ion Ratio Lower Upper
96 100
61 136.5 113.0 169.6
98 64.8 52.1 78.1

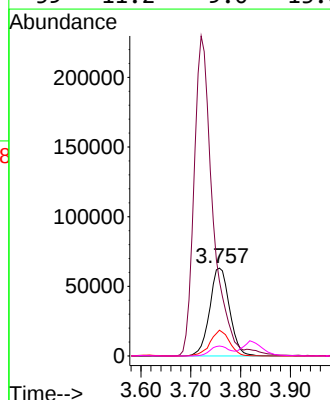
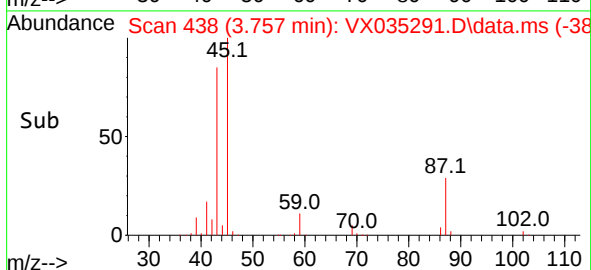
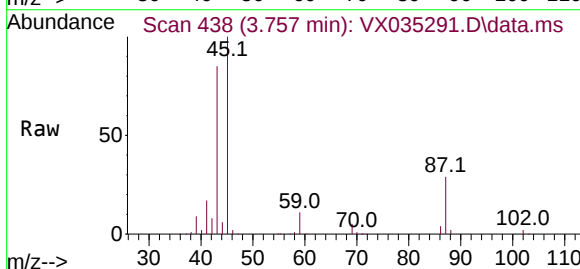
Manual Integrations
APPROVED

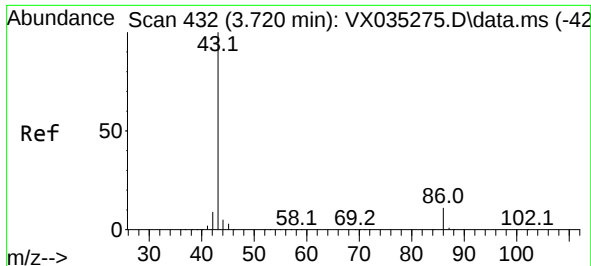
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 19.660 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

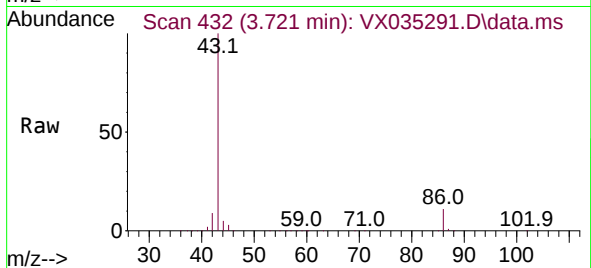
Tgt Ion: 45 Resp: 174841
Ion Ratio Lower Upper
45 100
43 84.4 65.4 98.2
87 29.4 20.6 31.0
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 99.258 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035291.D
 Acq: 25 Apr 2023 18:09

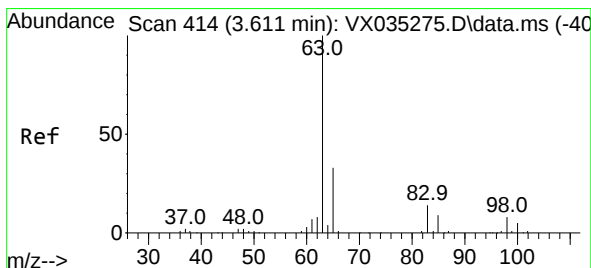
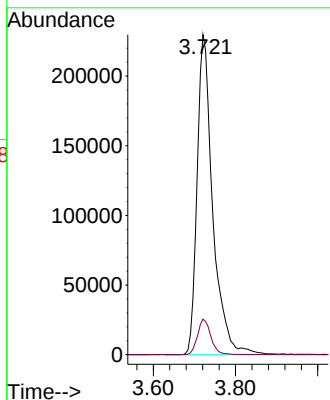
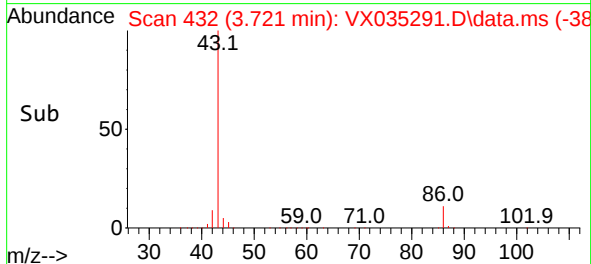
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBSD01



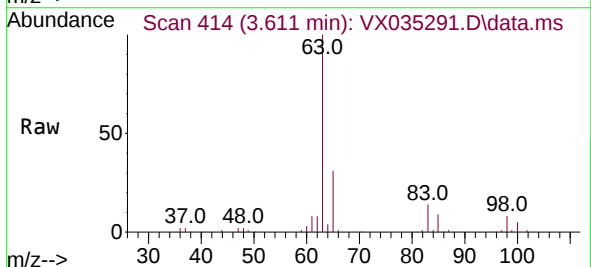
Tgt Ion: 43 Resp: 606750
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.5 12.7

Manual Integrations
 APPROVED

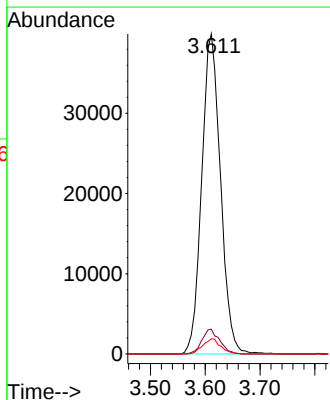
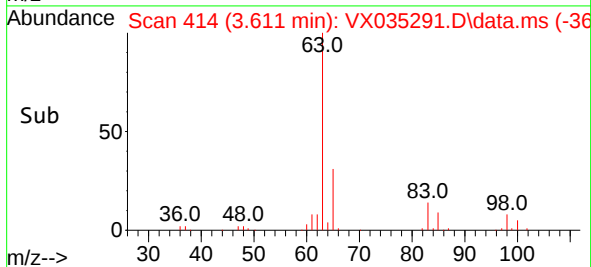
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

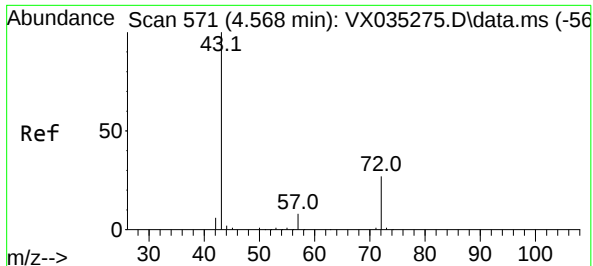


#24
 1,1-Dichloroethane
 Concen: 18.925 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035291.D
 Acq: 25 Apr 2023 18:09



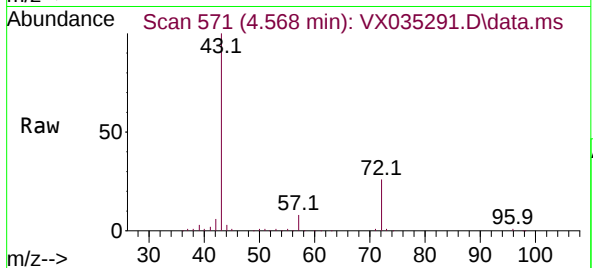
Tgt Ion: 63 Resp: 94803
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 96.199 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

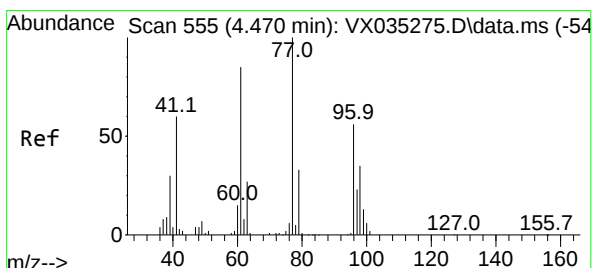
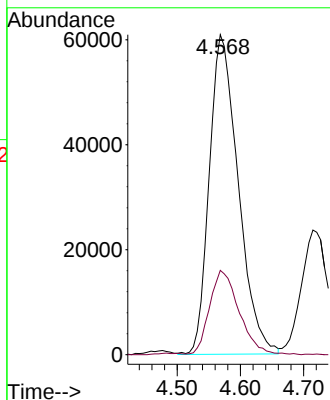
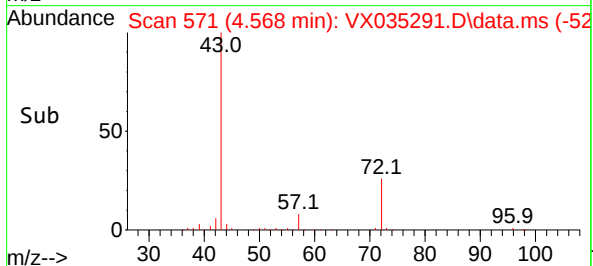
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



Tgt Ion: 43 Resp: 19344
Ion Ratio Lower Upper
43 100
72 26.1 19.3 28.9

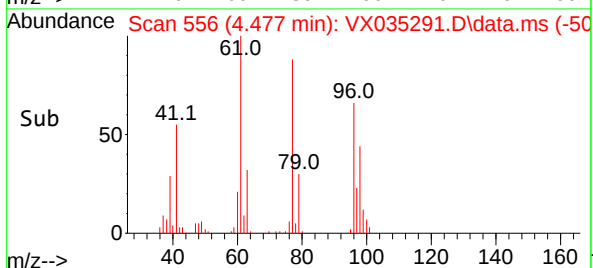
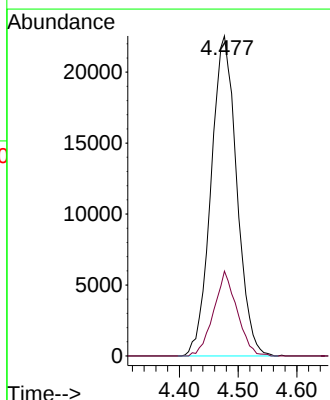
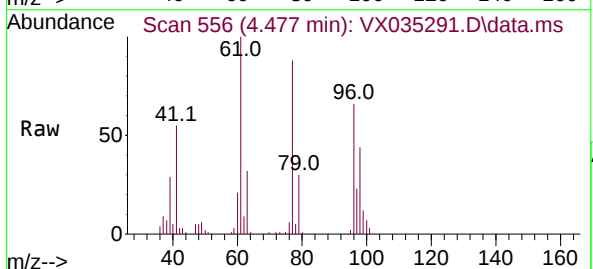
Manual Integrations
APPROVED

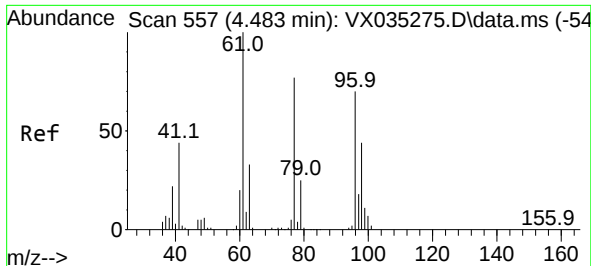
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#26
2,2-Dichloropropane
Concen: 17.448 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 77 Resp: 68476
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.726 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBSD01

Tgt Ion: 96 Resp: 61049

Ion Ratio Lower Upper

96 100

61 138.9 0.0 300.4

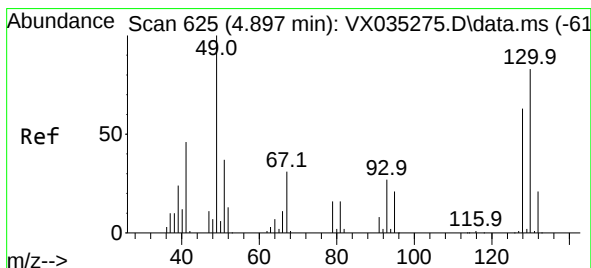
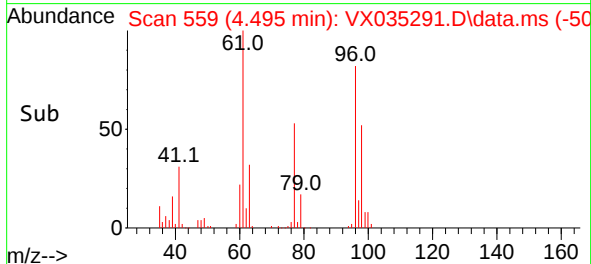
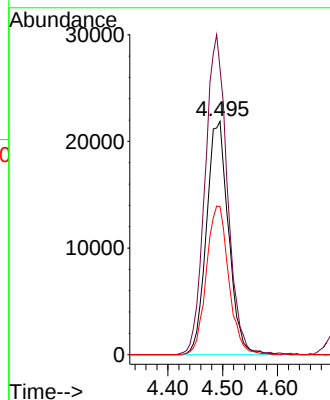
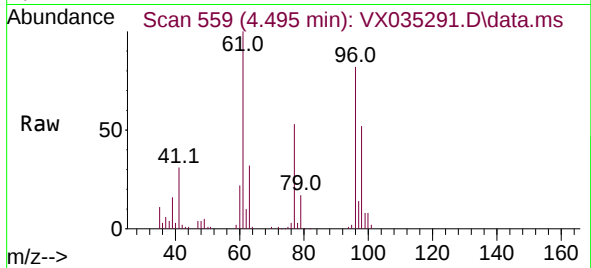
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 21.345 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

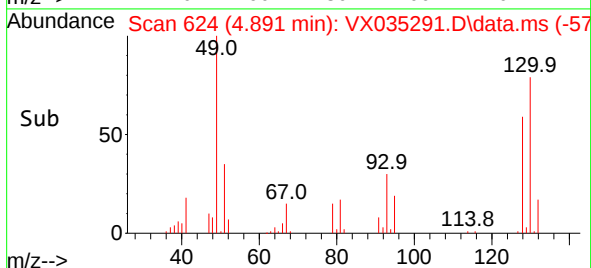
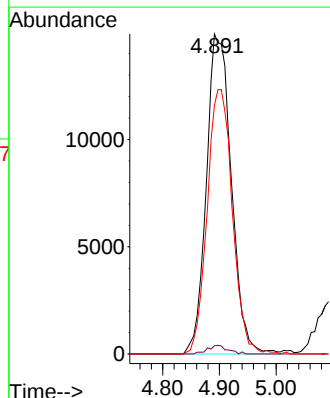
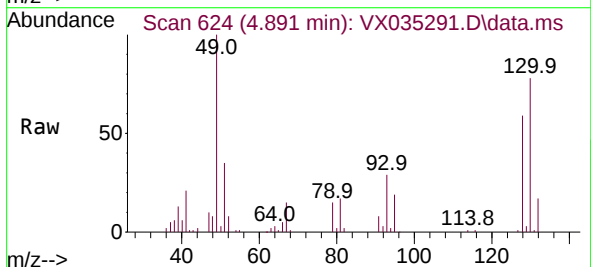
Tgt Ion: 49 Resp: 45565

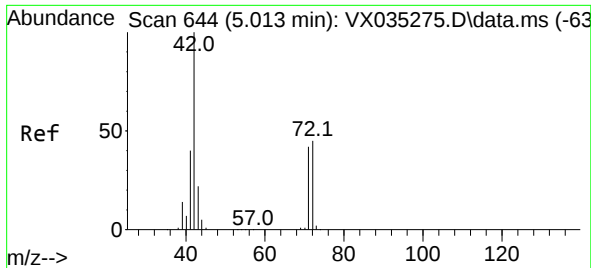
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

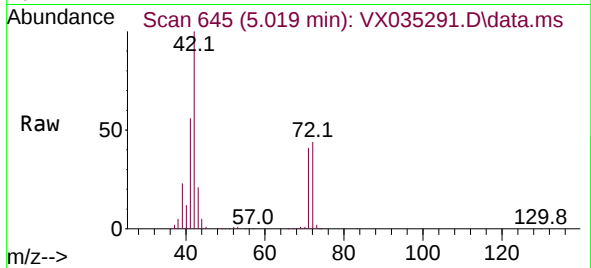
130 83.2 58.2 87.2





#29
Tetrahydrofuran
Concen: 97.490 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

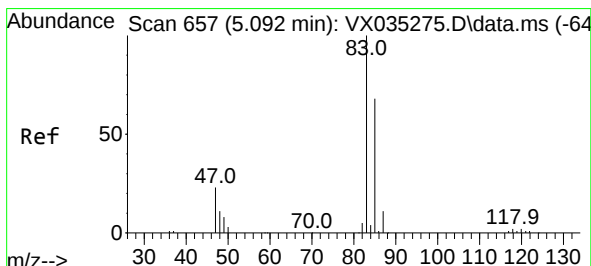
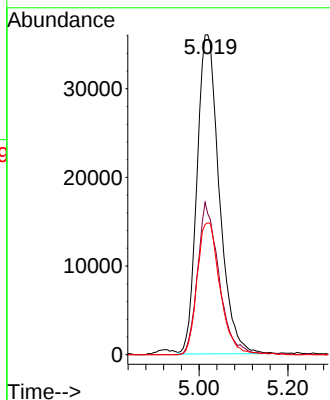
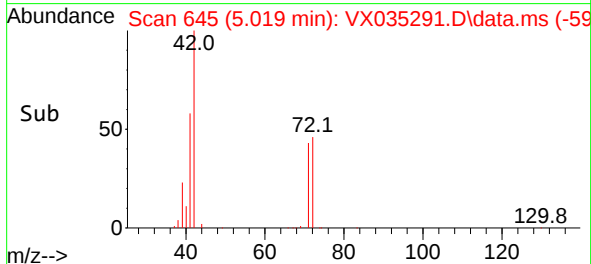
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



Tgt Ion: 42 Resp: 125674
Ion Ratio Lower Upper
42 100
72 45.8 34.5 51.7
71 42.4 32.1 48.1

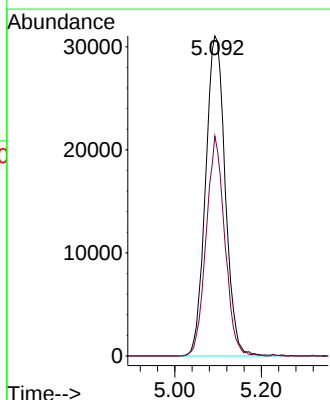
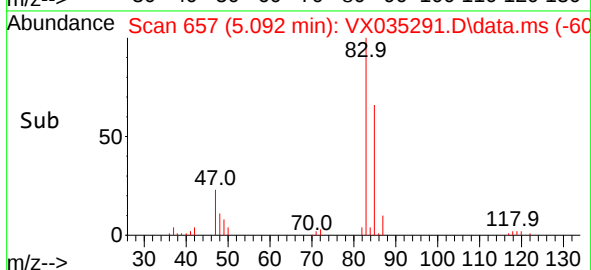
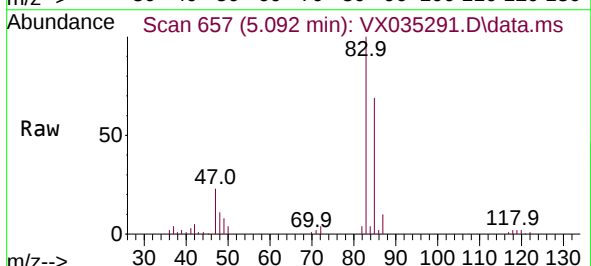
Manual Integrations
APPROVED

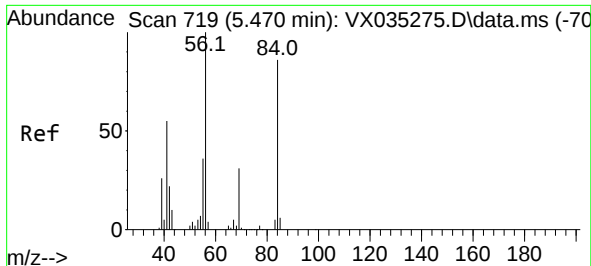
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#30
Chloroform
Concen: 19.307 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

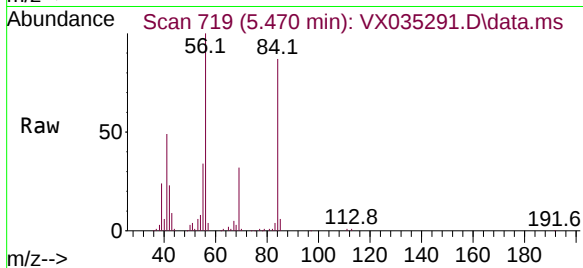
Tgt Ion: 83 Resp: 97635
Ion Ratio Lower Upper
83 100
85 68.8 50.6 76.0





#31
Cyclohexane
Concen: 19.370 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

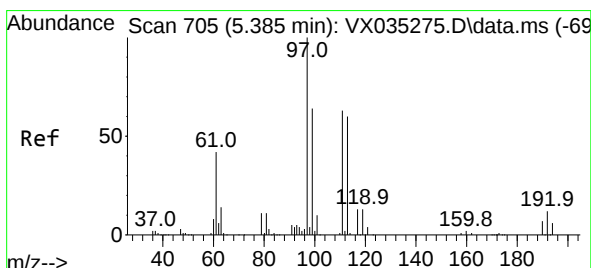
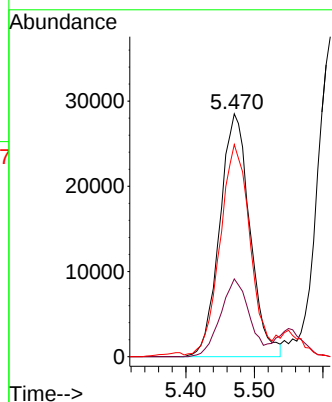
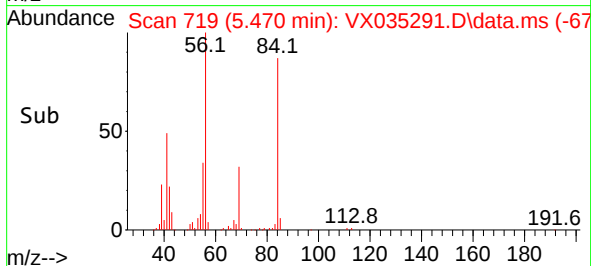
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion: 56 Resp: 87162
Ion Ratio Lower Upper
56 100
69 32.0 23.7 35.5
84 85.6 68.5 102.7

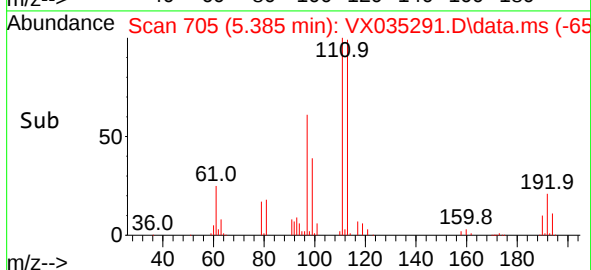
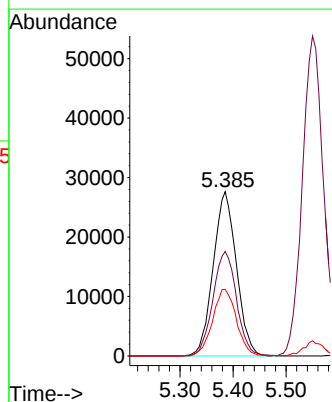
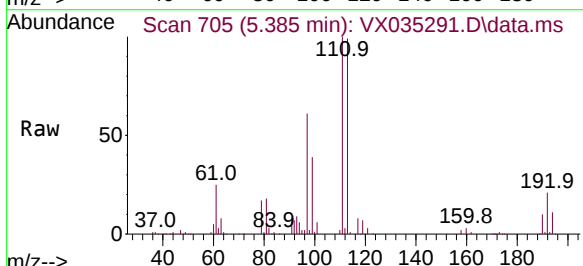
Manual Integrations
APPROVED

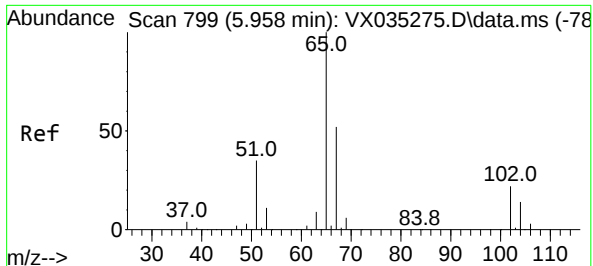
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#32
1,1,1-Trichloroethane
Concen: 18.988 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 97 Resp: 84150
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 41.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.361 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035291.D

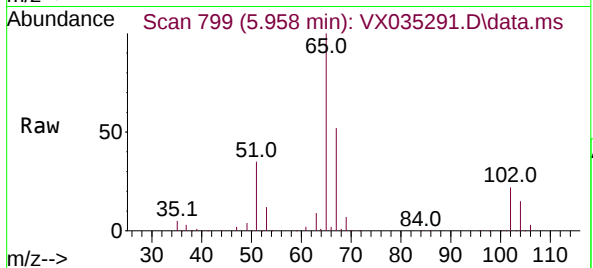
Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBSD01



Tgt Ion: 65 Resp: 166098

Ion Ratio Lower Upper

65 100

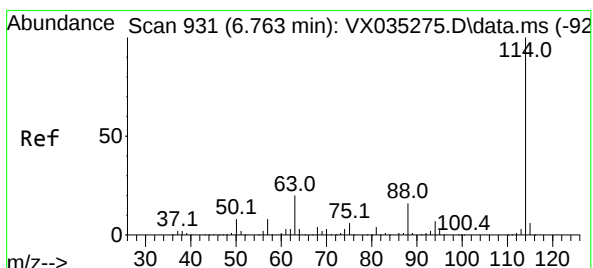
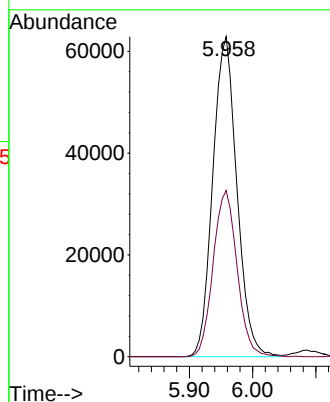
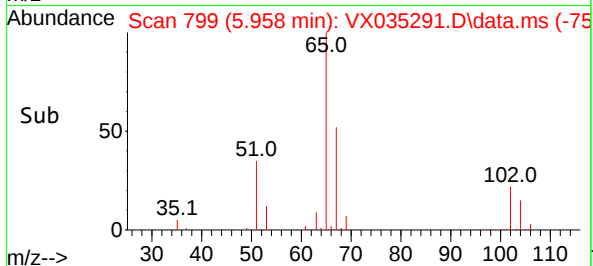
67 51.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

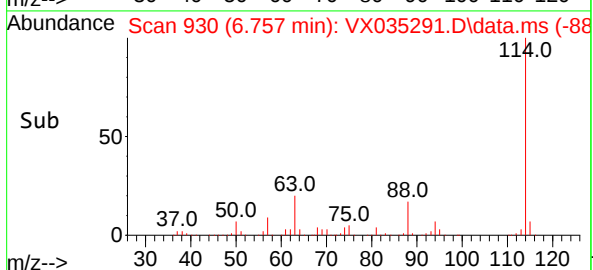
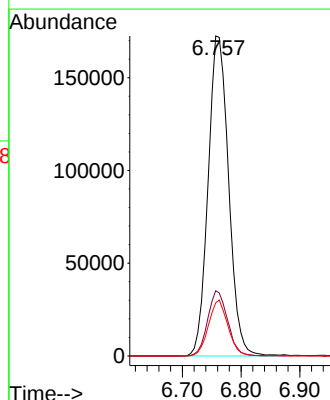
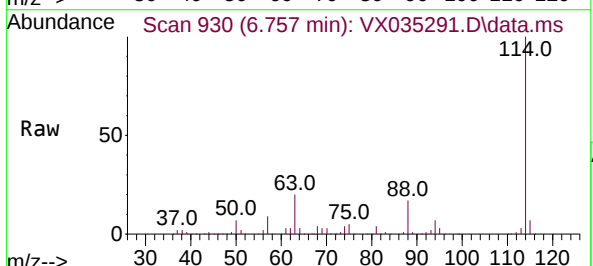
Tgt Ion:114 Resp: 418831

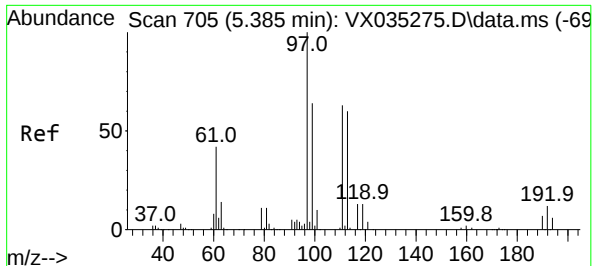
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

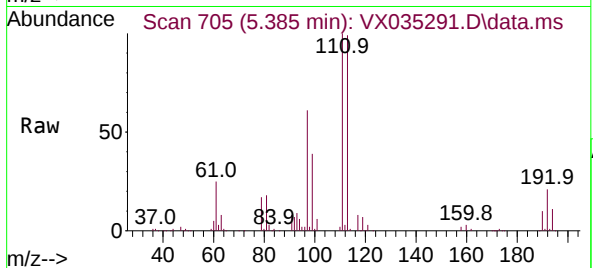
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.166 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

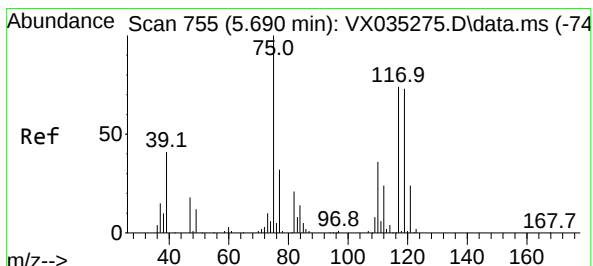
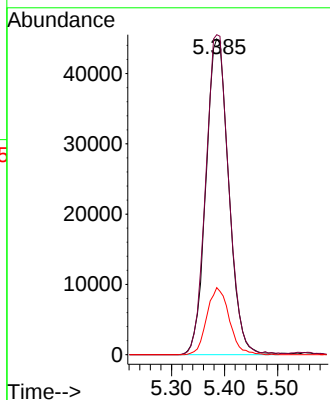
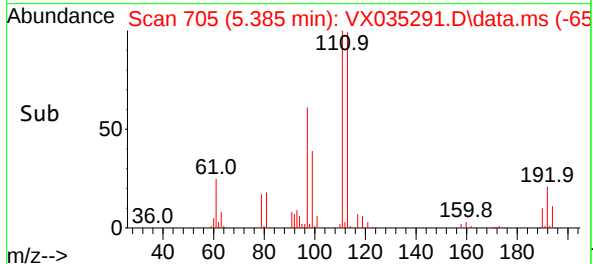
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion: 113 Resp: 134100
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 20.8 15.4 23.2

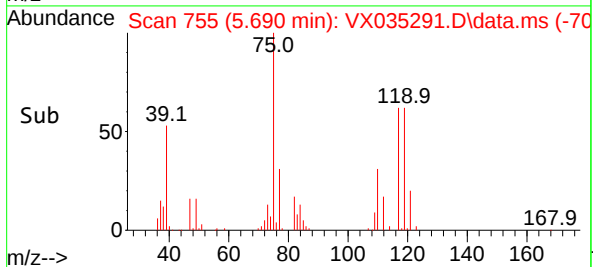
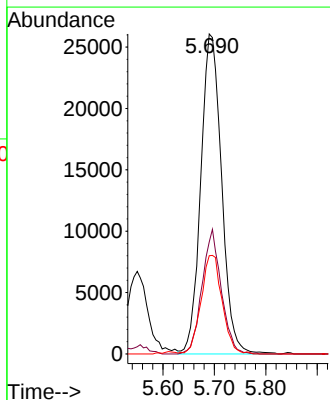
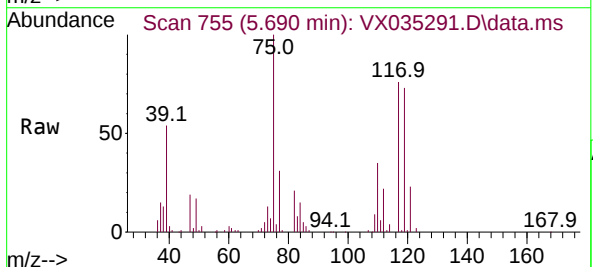
Manual Integrations
APPROVED

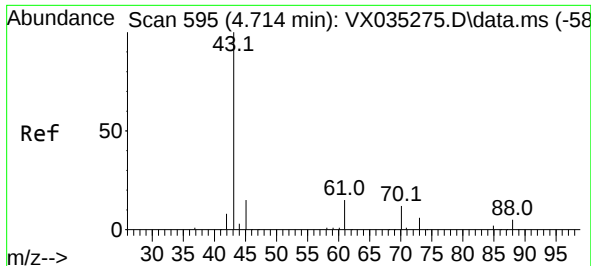
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#36
1,1-Dichloropropene
Concen: 18.299 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 75 Resp: 73450
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.5
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 19.956 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tgt Ion: 43 Resp: 73162

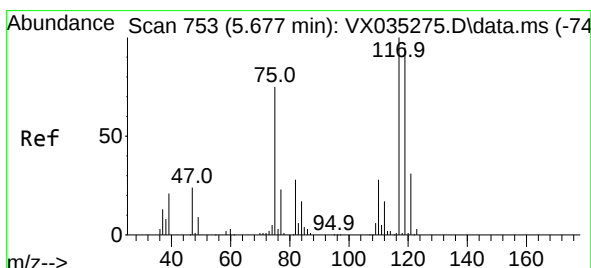
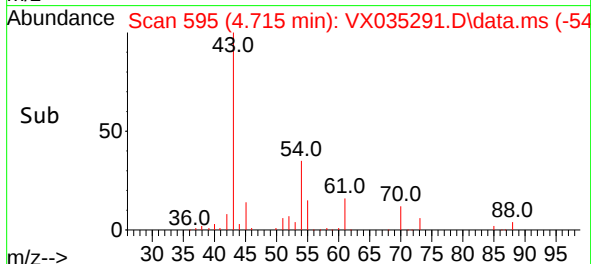
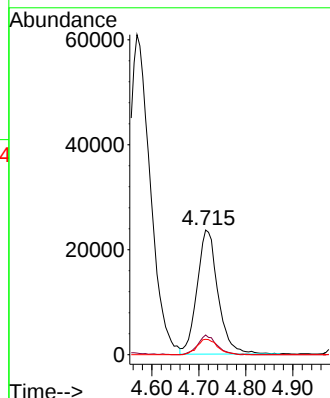
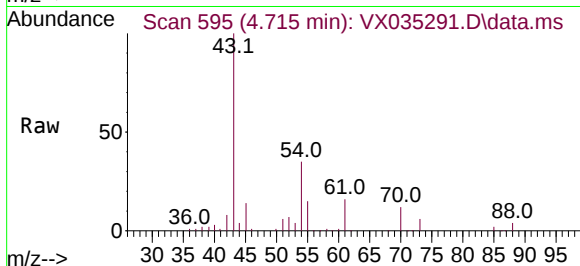
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	12.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Carbon Tetrachloride

Concen: 18.346 ug/l

RT: 5.678 min Scan# 753

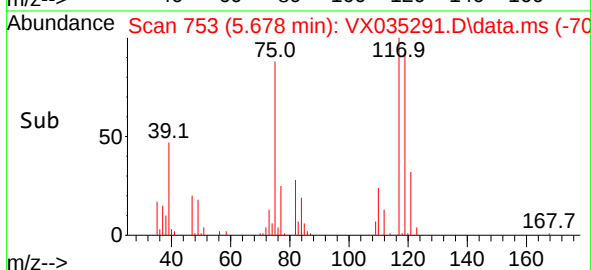
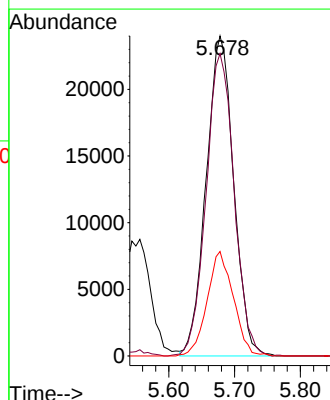
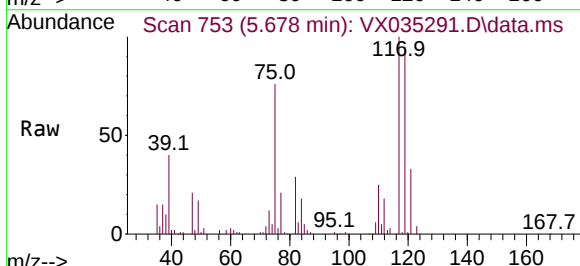
Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Tgt Ion:117 Resp: 69906

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.6	114.8
121	32.6	23.8	35.6





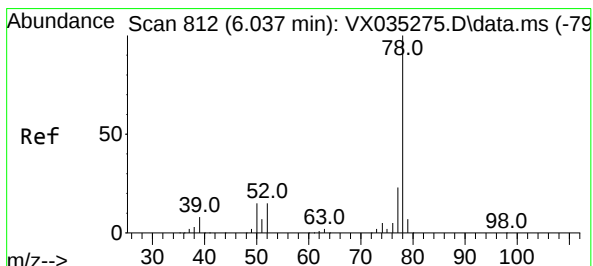
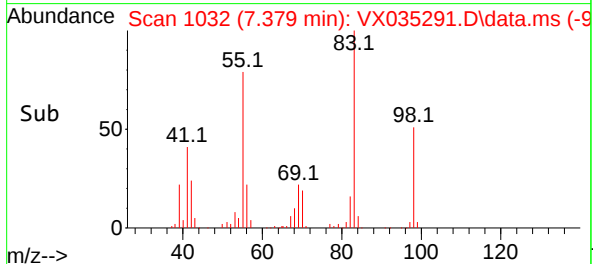
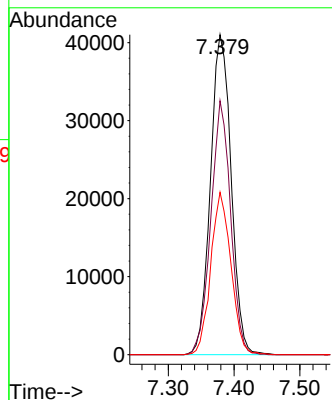
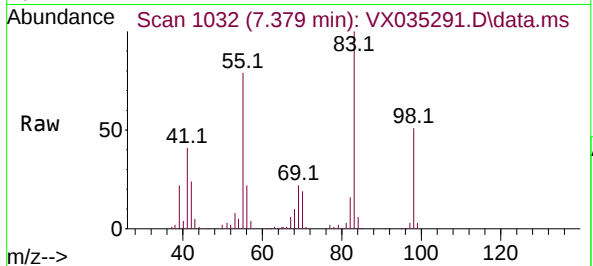
#39
Methylcyclohexane
Concen: 18.434 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 83 Resp: 90068
Ion Ratio Lower Upper
83 100
55 79.3 60.5 90.7
98 50.8 40.4 60.6

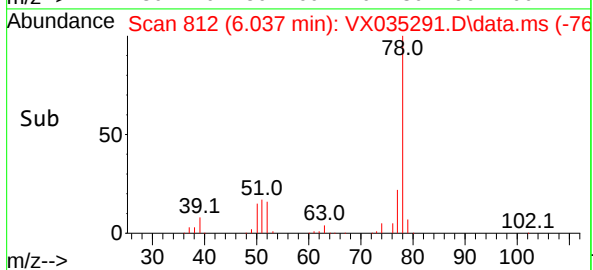
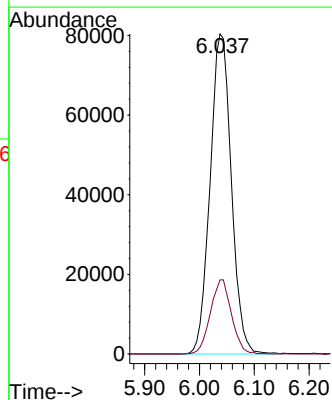
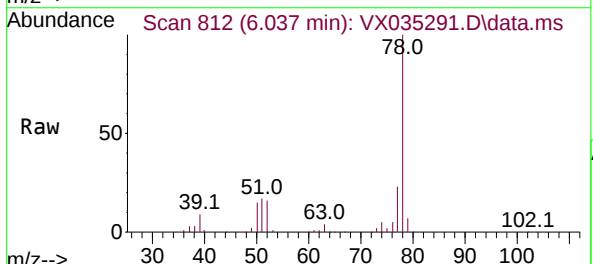
Manual Integrations
APPROVED

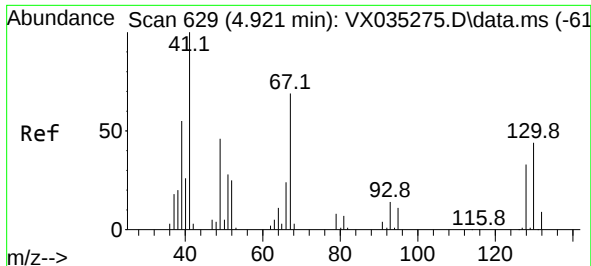
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#40
Benzene
Concen: 18.773 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

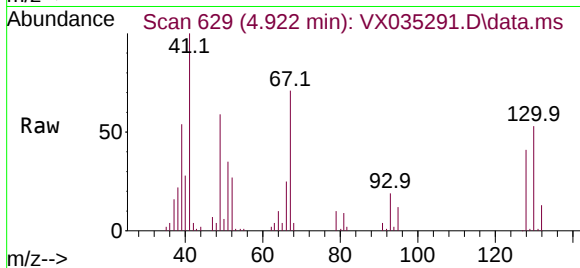
Tgt Ion: 78 Resp: 216167
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 19.542 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

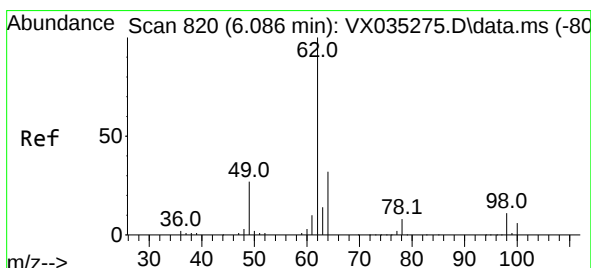
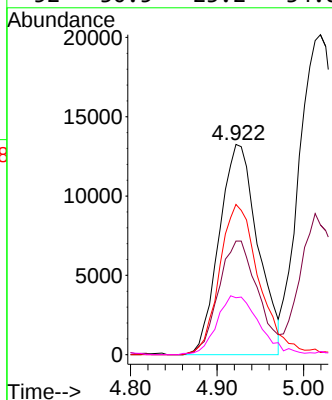
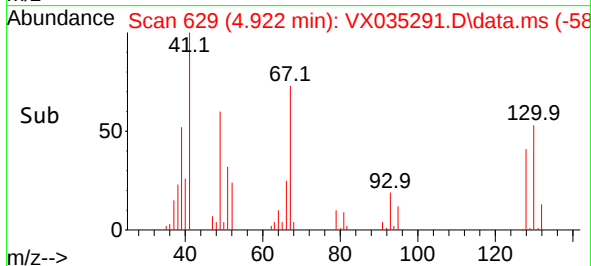
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion:	41	Resp:	41052
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.0	67.6
67	74.4	55.6	83.4
52	30.5	23.2	34.8

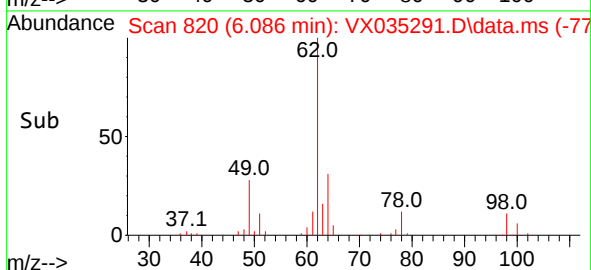
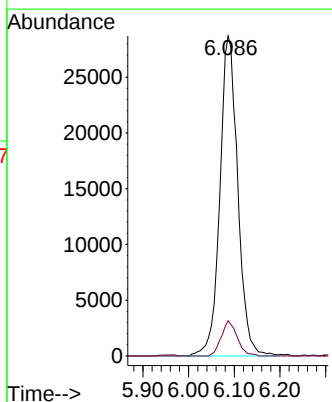
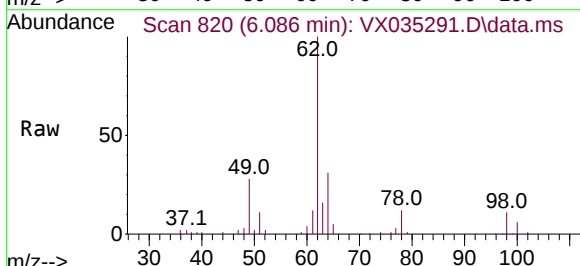
Manual Integrations
APPROVED

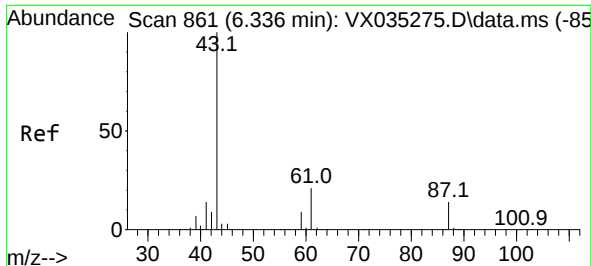
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 19.034 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion:	62	Resp:	78143
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.210 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035291.D

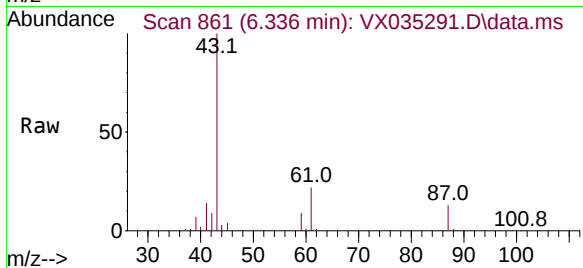
Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01



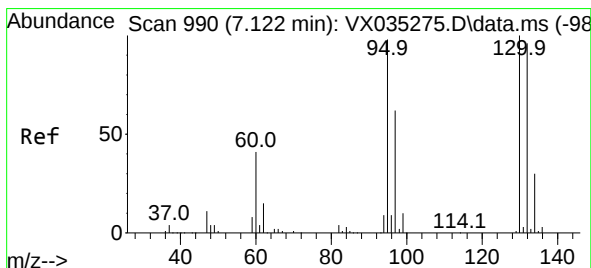
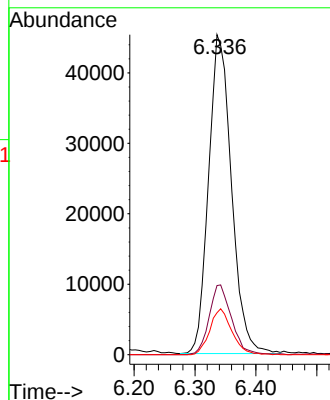
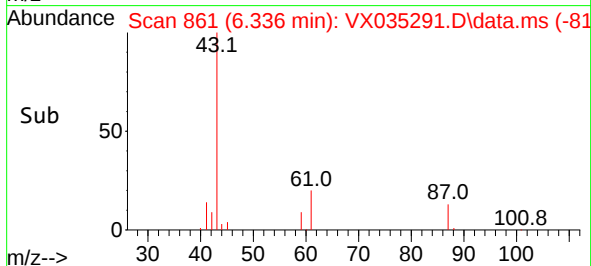
Tgt Ion: 43	Resp: 118339
Ion Ratio	Lower Upper
43	100
61	21.3 15.2 22.8
87	13.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#44

Trichloroethene

Concen: 18.655 ug/l

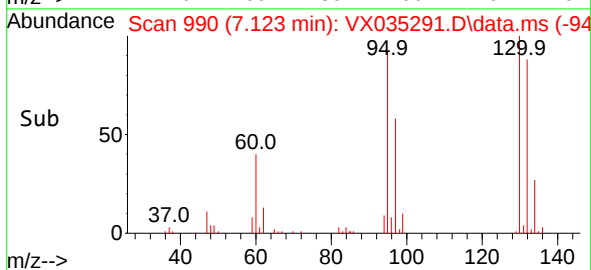
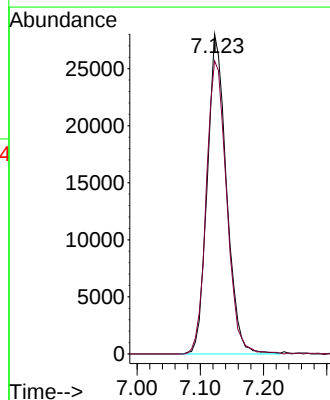
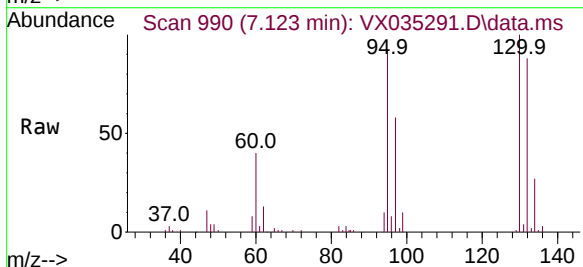
RT: 7.123 min Scan# 990

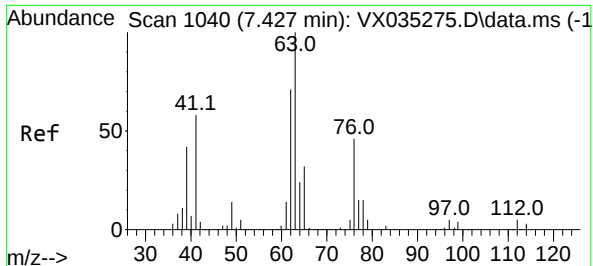
Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Tgt Ion:130	Resp: 59176
Ion Ratio	Lower Upper
130	100
95	91.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.040 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tgt Ion: 63 Resp: 55274

Ion Ratio Lower Upper

63 100

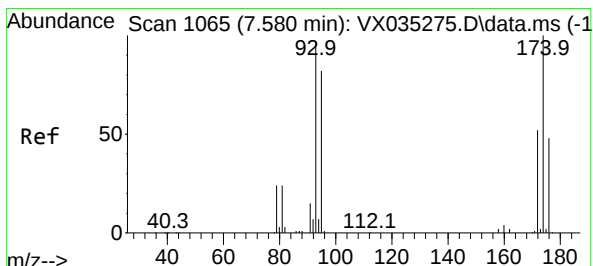
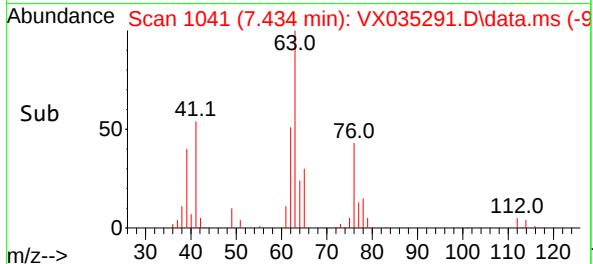
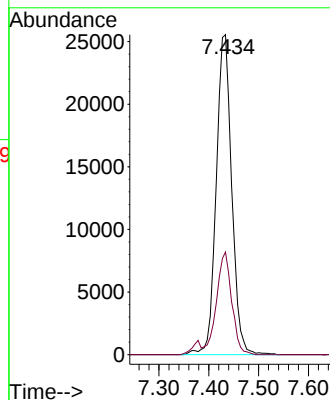
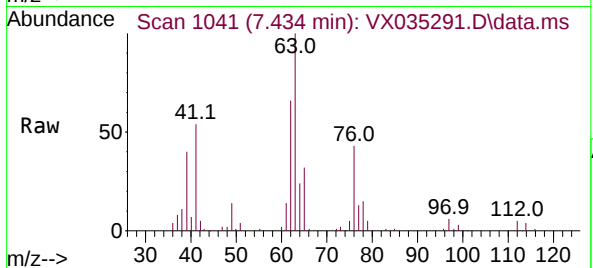
65 32.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 19.144 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

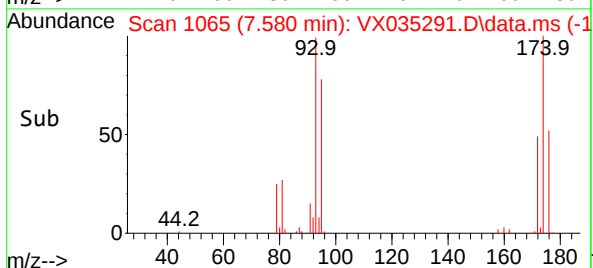
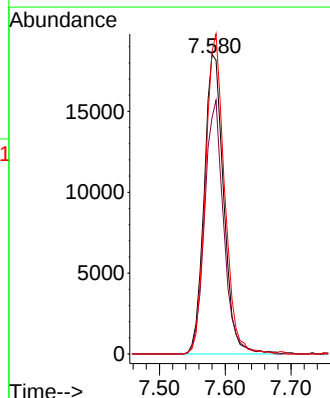
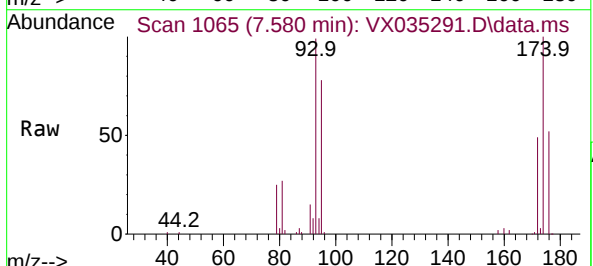
Tgt Ion: 93 Resp: 38163

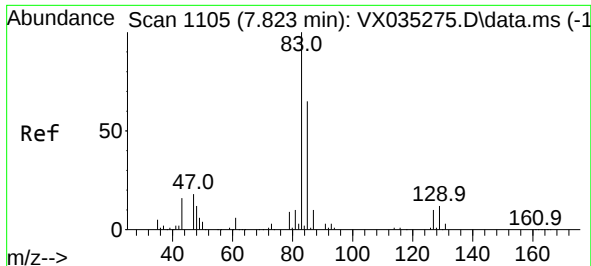
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 104.3 75.4 113.0





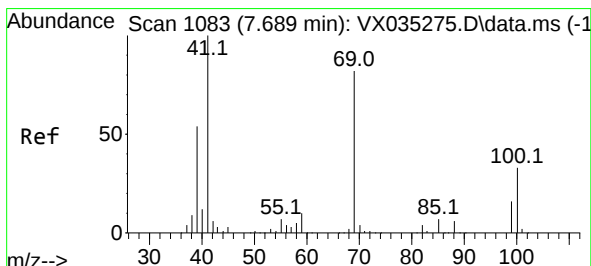
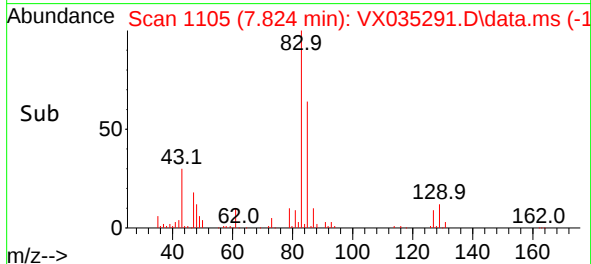
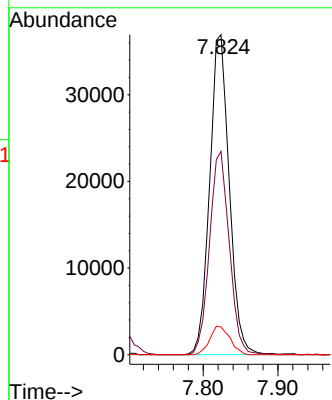
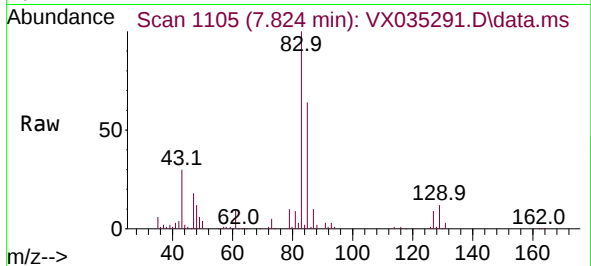
#47
Bromodichloromethane
Concen: 18.315 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 83 Resp: 67269
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4
127 8.6 6.6 9.8

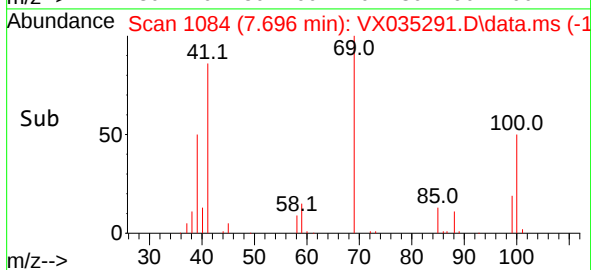
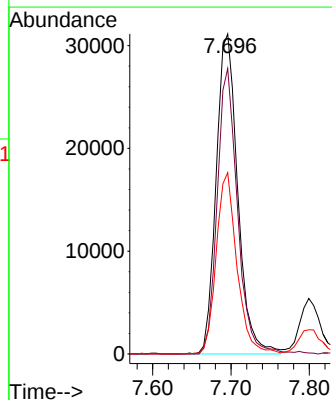
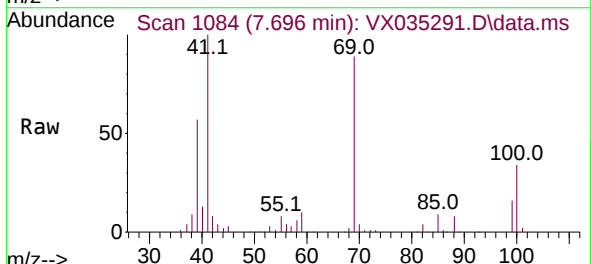
Manual Integrations
APPROVED

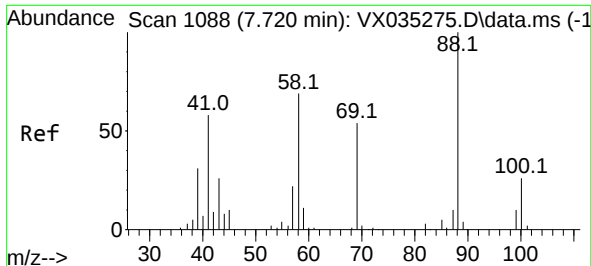
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#48
Methyl methacrylate
Concen: 19.703 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 41 Resp: 59537
Ion Ratio Lower Upper
41 100
69 83.8 62.2 93.4
39 54.5 47.7 71.5





#49

1,4-Dioxane

Concen: 401.150 ug/l

RT: 7.744 min Scan# 1088

Delta R.T. 0.025 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBSD01

Tgt Ion: 88 Resp: 2954

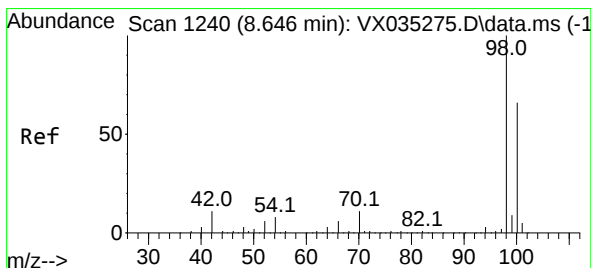
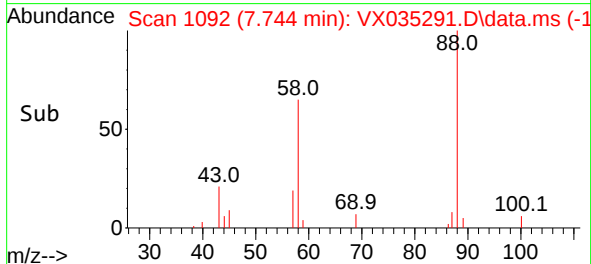
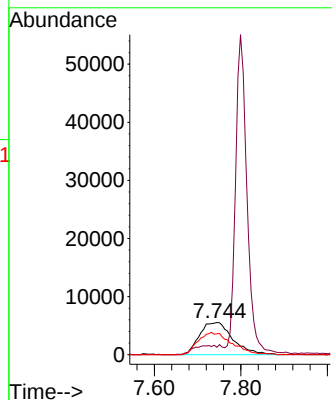
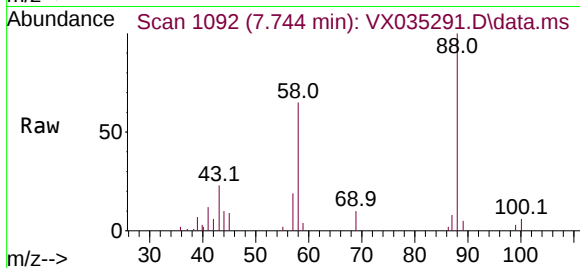
Ion	Ratio	Lower	Upper
88	100		
43	16.0	27.7	41.5
58	68.7	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 51.730 ug/l

RT: 8.647 min Scan# 1240

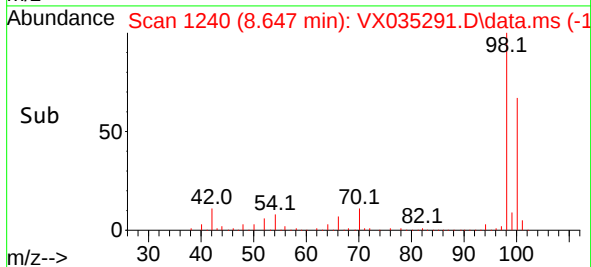
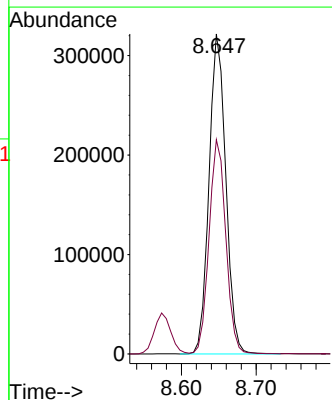
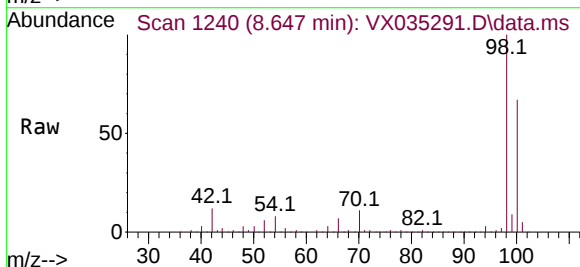
Delta R.T. 0.000 min

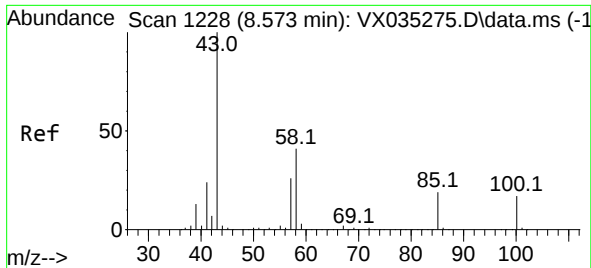
Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Tgt Ion: 98 Resp: 501647

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.5	78.7





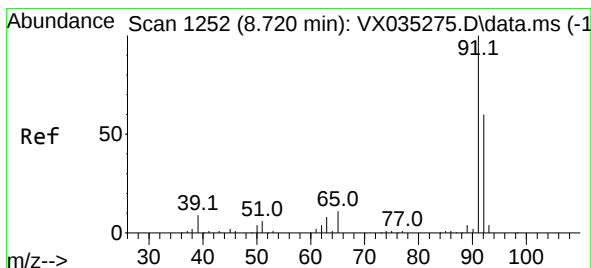
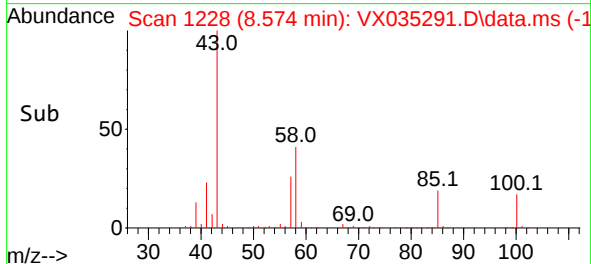
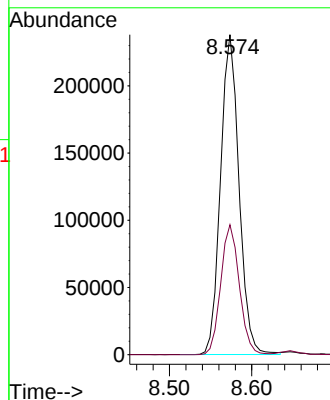
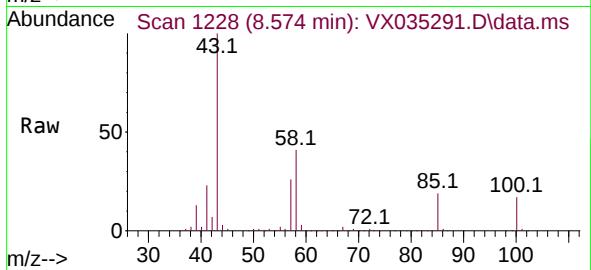
#51
4-Methyl-2-Pentanone
Concen: 98.407 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 43 Resp: 372429
Ion Ratio Lower Upper
43 100
58 40.8 30.6 46.0

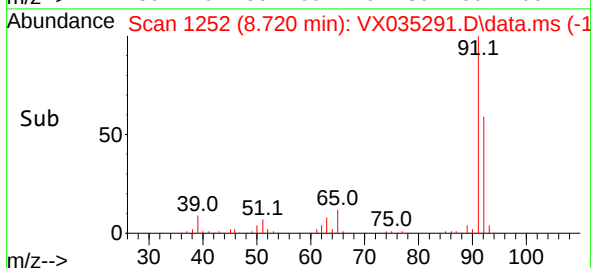
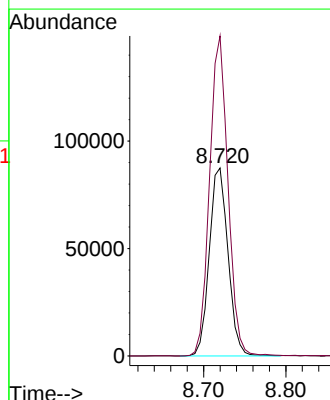
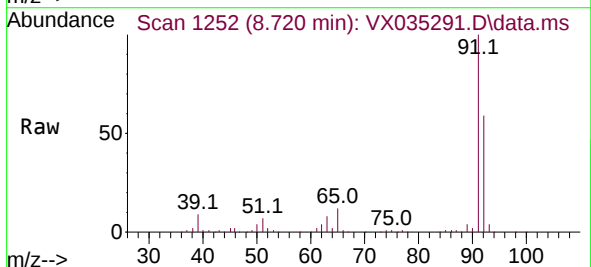
Manual Integrations
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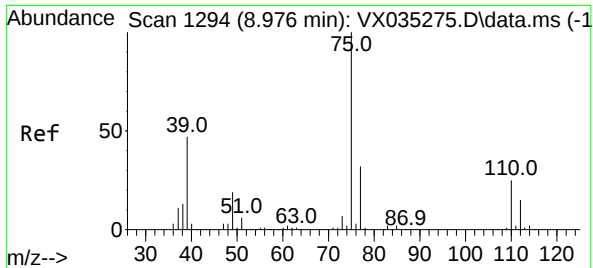
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 18.984 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 92 Resp: 138558
Ion Ratio Lower Upper
92 100
91 167.2 136.8 205.2





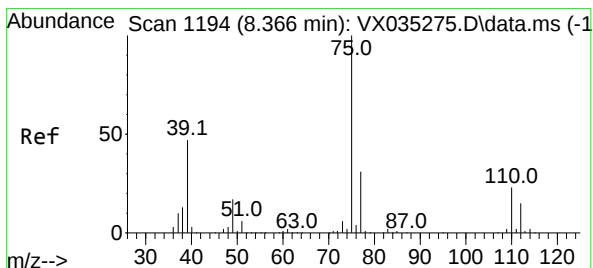
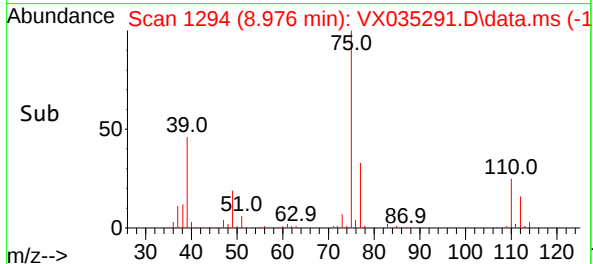
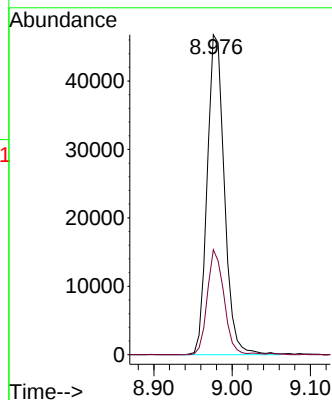
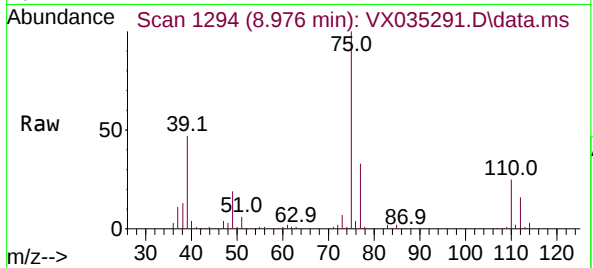
#53
 t-1,3-Dichloropropene
 Concen: 18.515 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035291.D
 Acq: 25 Apr 2023 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tgt Ion: 75 Resp: 71020
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2

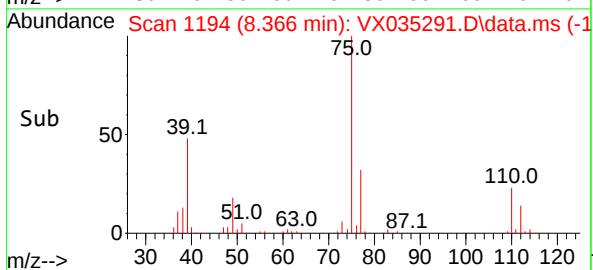
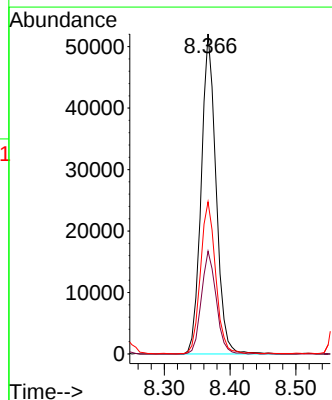
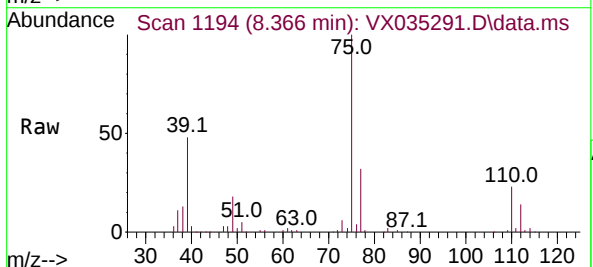
Manual Integrations
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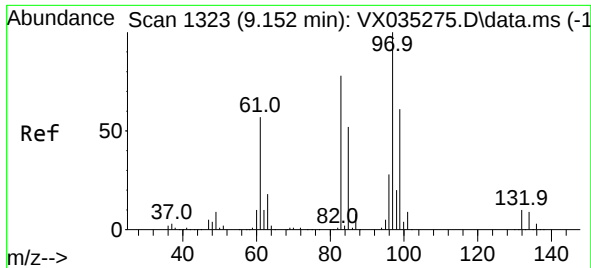
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.806 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035291.D
 Acq: 25 Apr 2023 18:09

Tgt Ion: 75 Resp: 81536
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4
 39 47.4 44.6 66.8





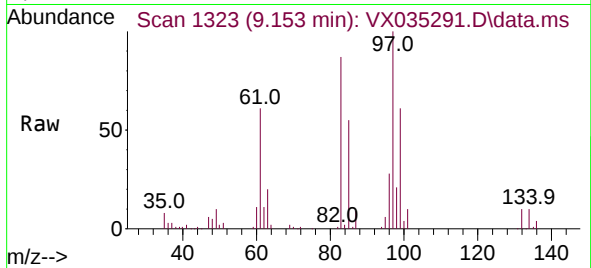
#55
1,1,2-Trichloroethane
Concen: 19.171 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBSD01



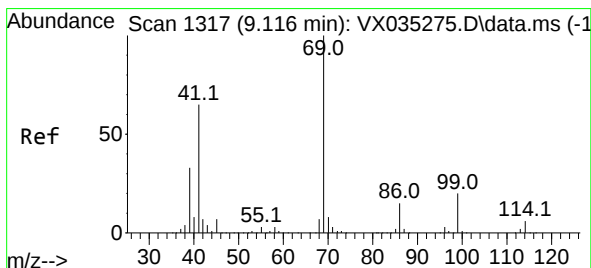
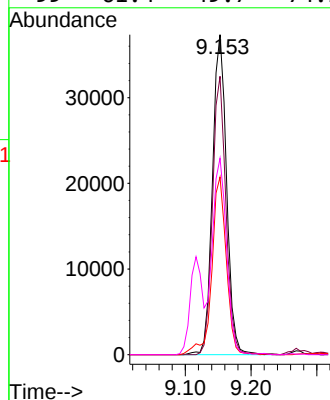
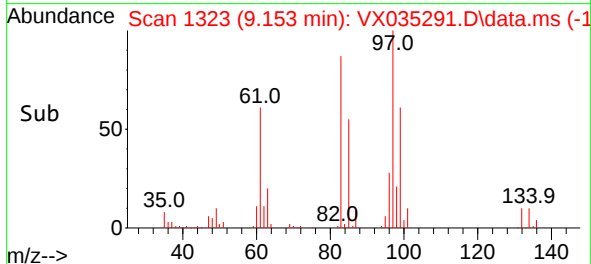
Tgt Ion: 97 Resp: 55780
Ion Ratio Lower Upper
97 100
83 87.0 69.7 104.5
85 55.5 43.7 65.5
99 61.4 49.7 74.5

Manual Integrations

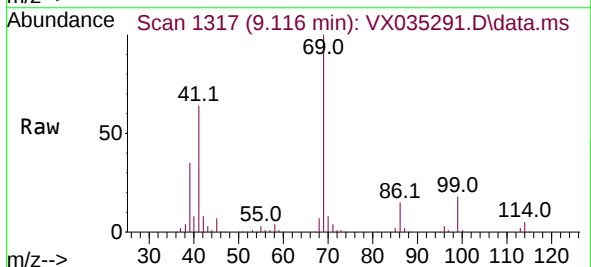
APPROVED

Reviewed By :John Carlone 04/26/2023

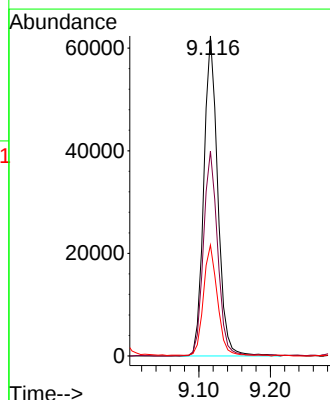
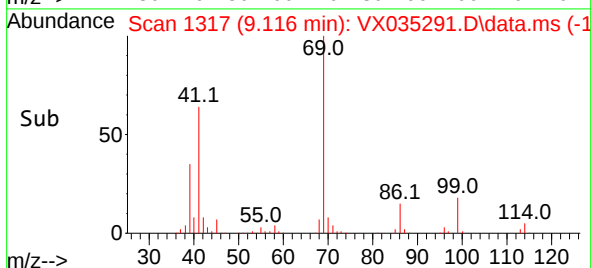
Supervised By :Mahesh Dadoda 04/26/2023

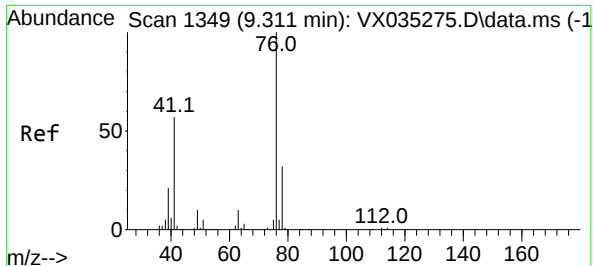


#56
Ethyl methacrylate
Concen: 19.502 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



Tgt Ion: 69 Resp: 84531
Ion Ratio Lower Upper
69 100
41 65.1 57.4 86.0
39 34.2 33.7 50.5





#57

1,3-Dichloropropane

Concen: 19.131 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.006 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tgt Ion: 76 Resp: 95209

Ion Ratio Lower Upper

76 100

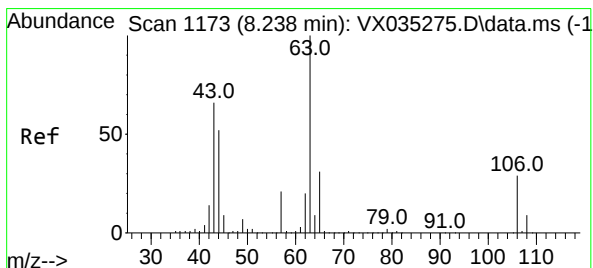
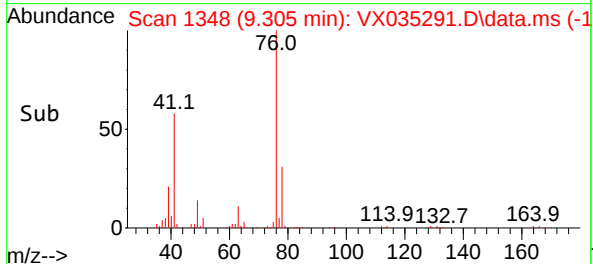
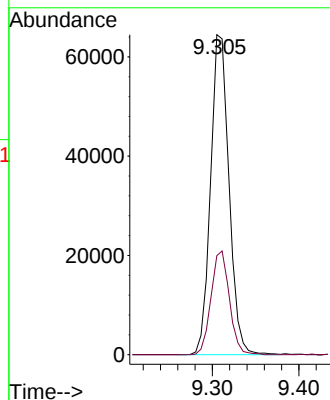
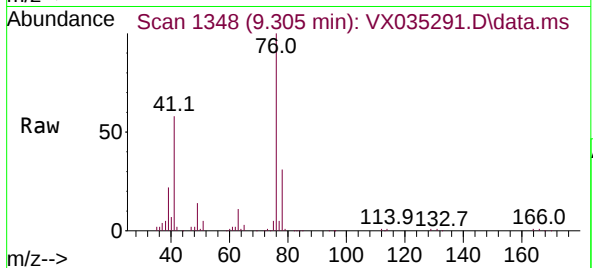
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 89.495 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035291.D

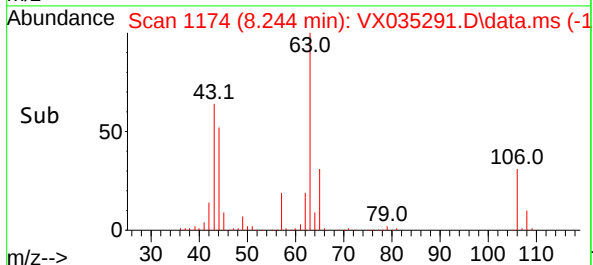
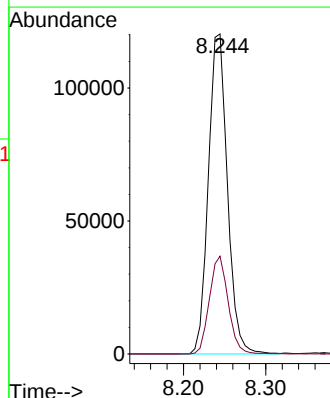
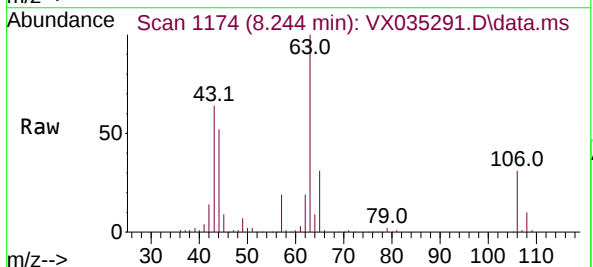
Acq: 25 Apr 2023 18:09

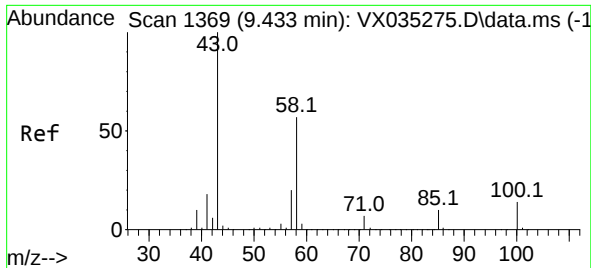
Tgt Ion: 63 Resp: 193962

Ion Ratio Lower Upper

63 100

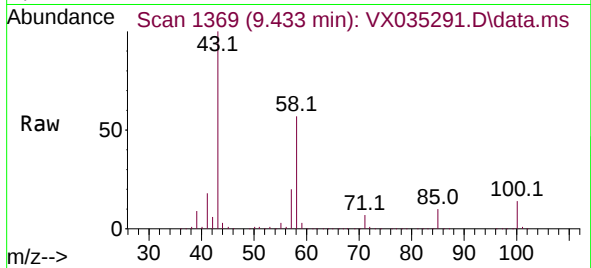
106 30.2 22.2 33.2





#59
2-Hexanone
Concen: 97.300 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

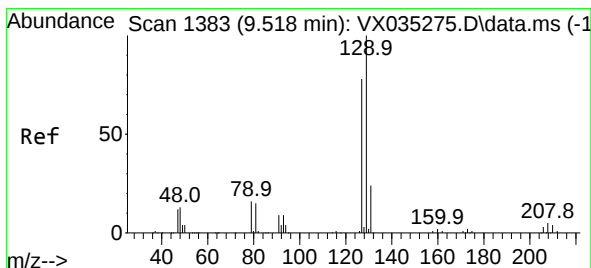
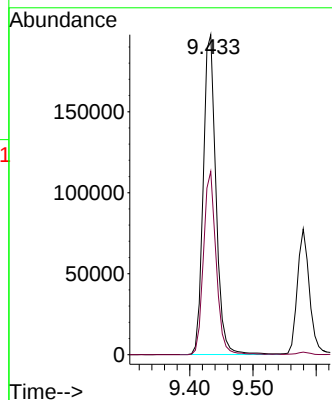
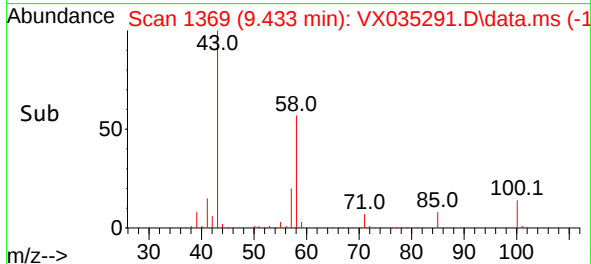
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion: 43 Resp: 27664
Ion Ratio Lower Upper
43 100
58 57.0 26.3 78.9

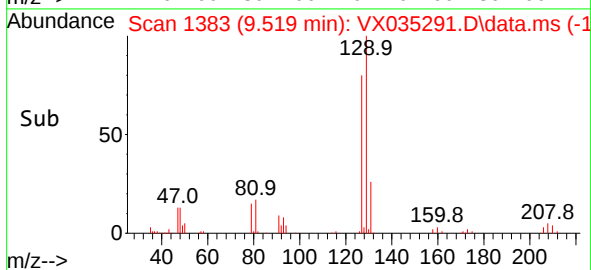
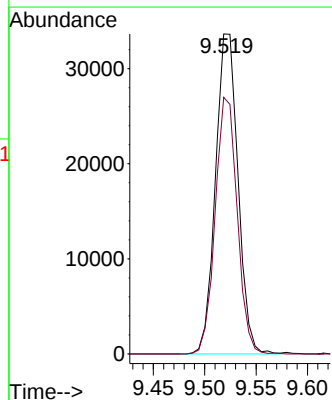
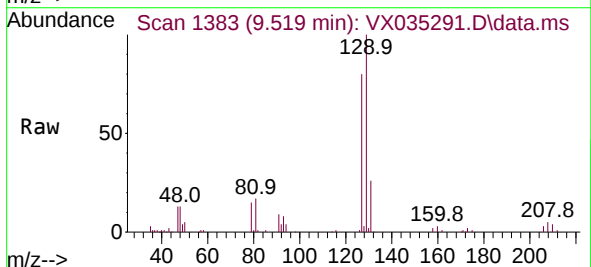
Manual Integrations
APPROVED

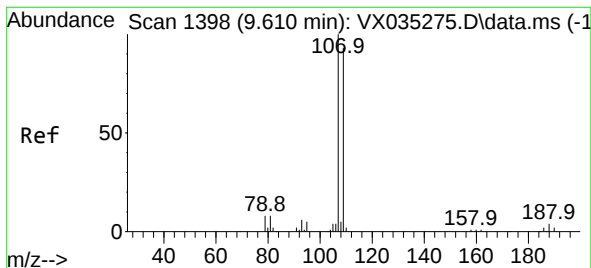
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#60
Dibromochloromethane
Concen: 18.374 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

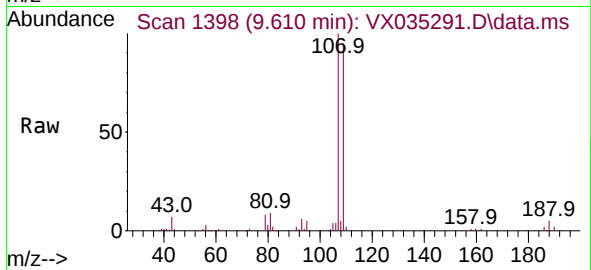
Tgt Ion:129 Resp: 51224
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.154 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

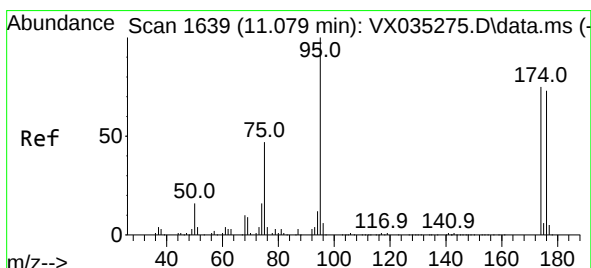
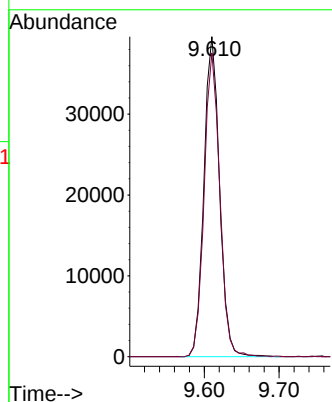
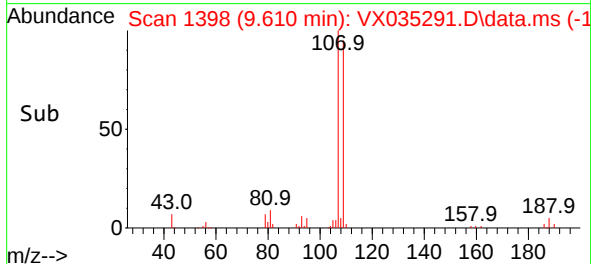
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



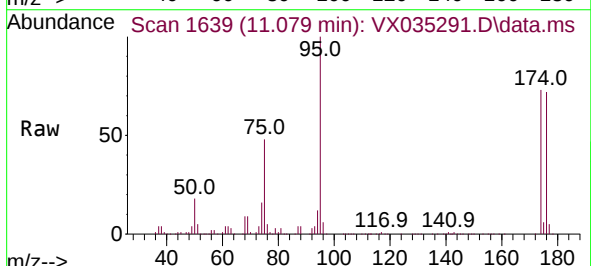
Tgt Ion:107 Resp: 5745
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9

Manual Integrations
APPROVED

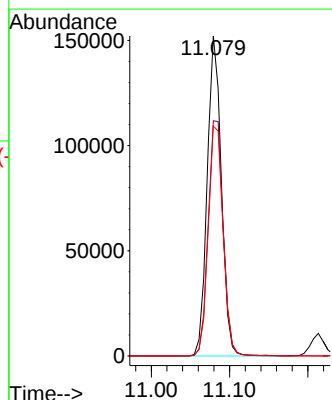
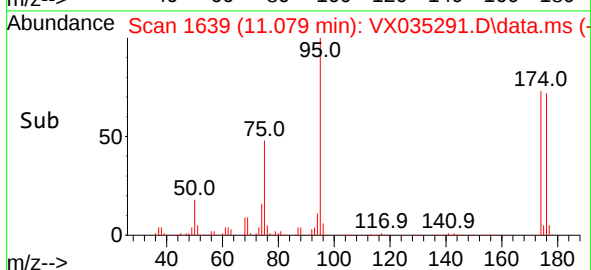
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#62
4-Bromofluorobenzene
Concen: 52.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



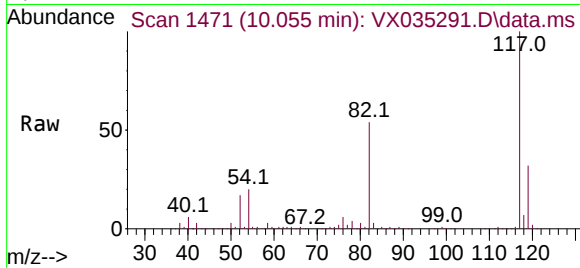
Tgt Ion: 95 Resp: 189895
Ion Ratio Lower Upper
95 100
174 78.6 0.0 147.4
176 75.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

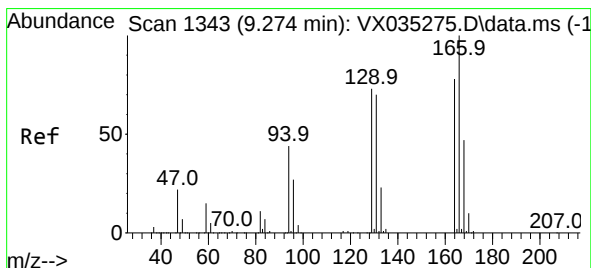
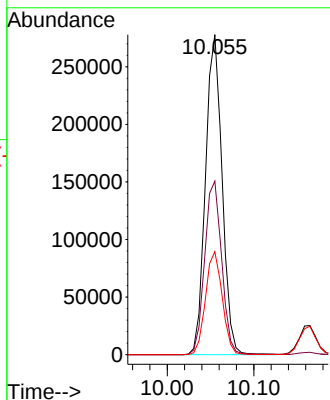
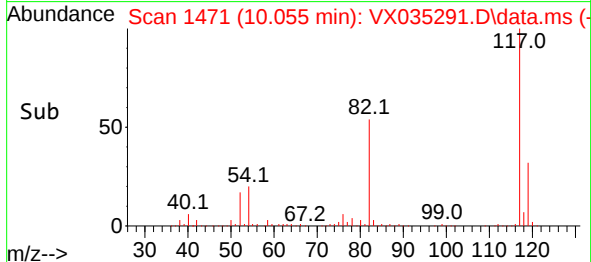
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion:117 Resp: 370340
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 26.0 39.0

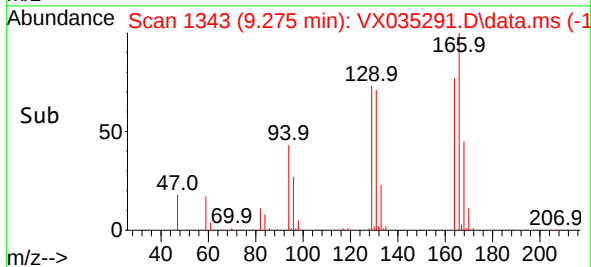
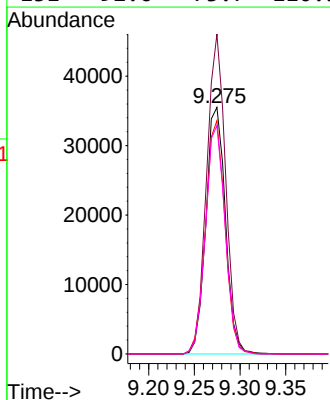
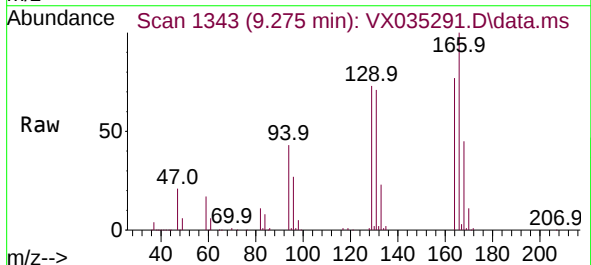
Manual Integrations
APPROVED

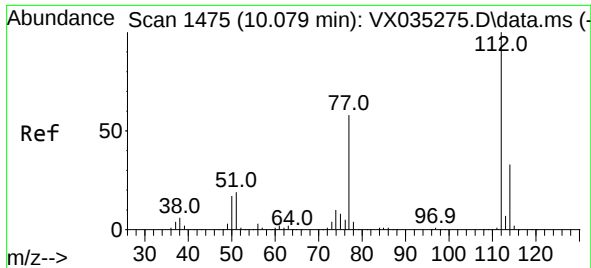
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#64
Tetrachloroethene
Concen: 18.568 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

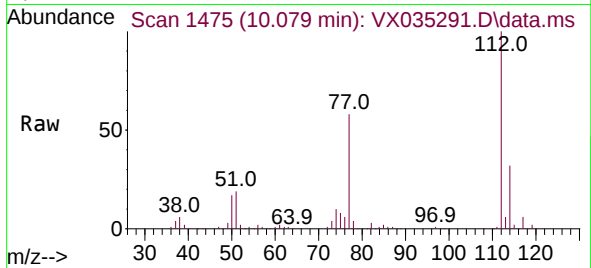
Tgt Ion:164 Resp: 52652
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 94.6 75.6 113.4
131 92.6 73.7 110.5





#65
Chlorobenzene
Concen: 18.446 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

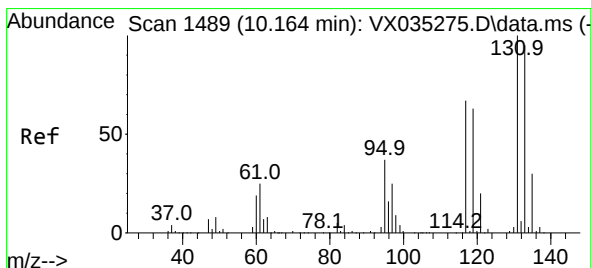
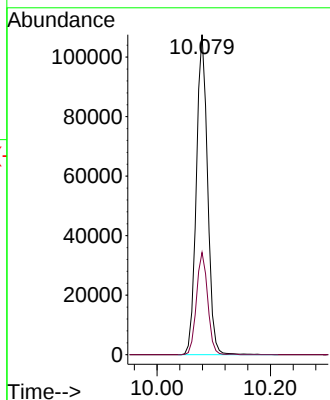
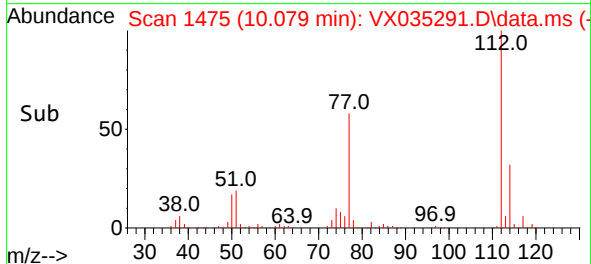
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



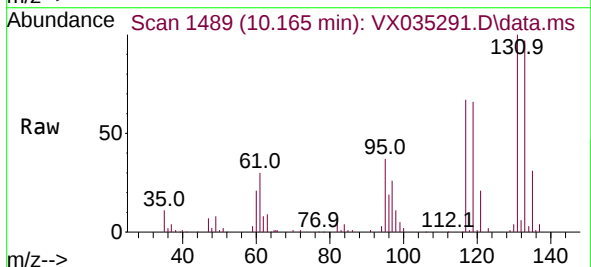
Tgt Ion:112 Resp: 147798
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
APPROVED

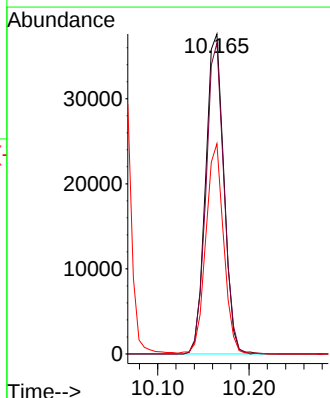
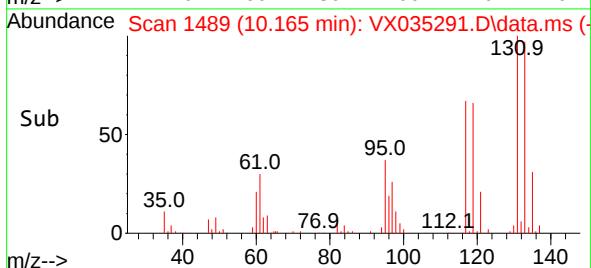
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

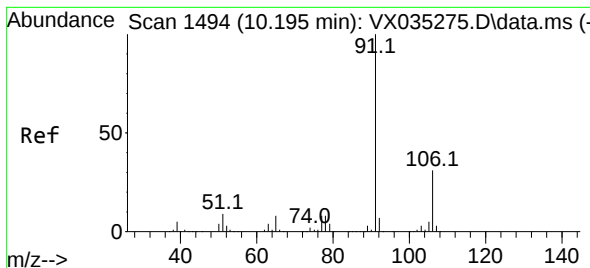


#66
1,1,1,2-Tetrachloroethane
Concen: 18.634 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



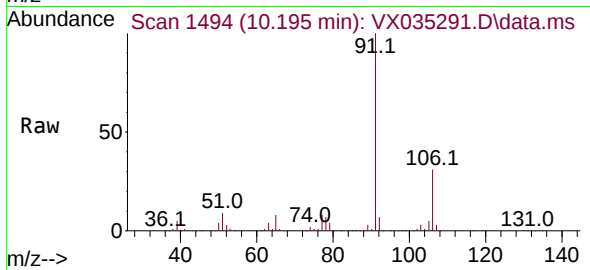
Tgt Ion:131 Resp: 51960
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 64.5 32.6 98.0





#67
Ethyl Benzene
Concen: 19.079 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

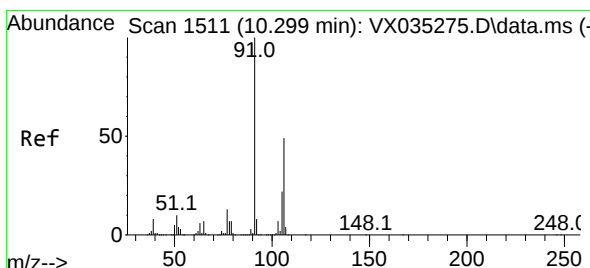
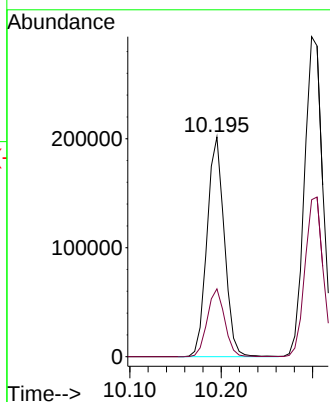
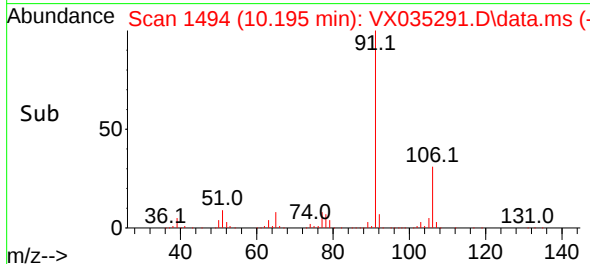
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



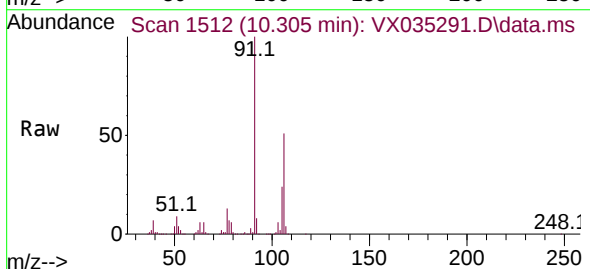
Tgt Ion: 91 Resp: 264729
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

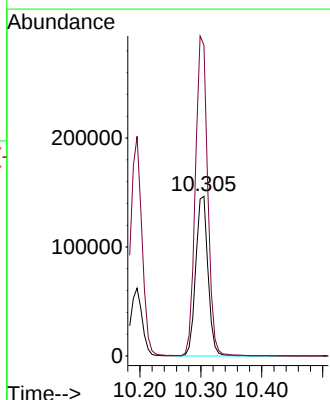
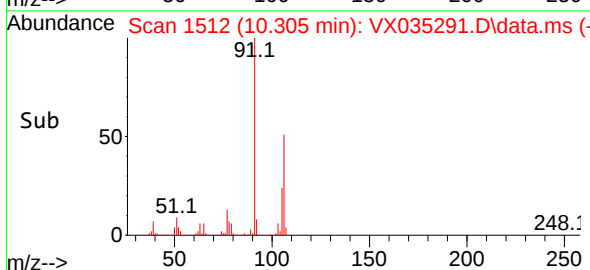
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

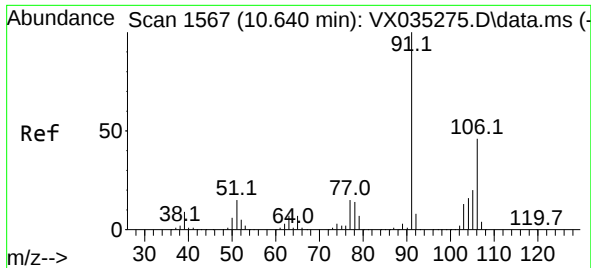


#68
m/p-Xylenes
Concen: 38.401 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



Tgt Ion:106 Resp: 204173
Ion Ratio Lower Upper
106 100
91 200.7 164.0 246.0





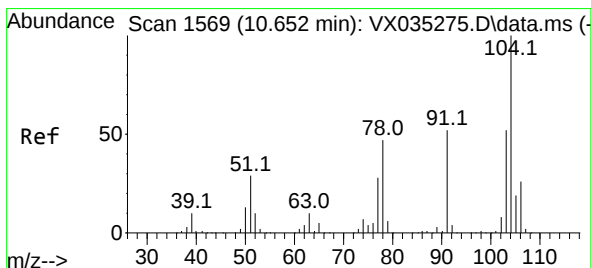
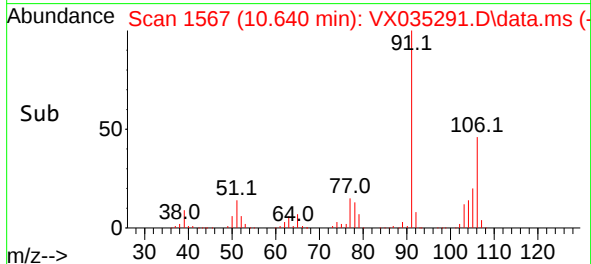
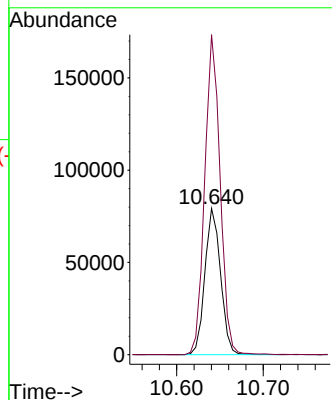
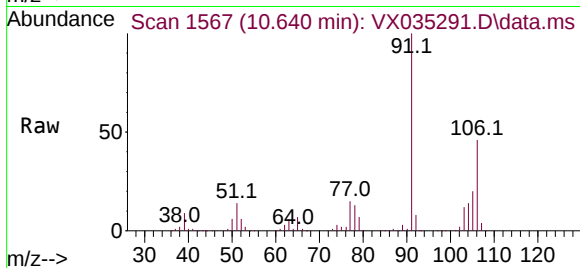
#69
o-Xylene
Concen: 19.130 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion:106 Resp: 9974
Ion Ratio Lower Upper
106 100
91 215.4 108.5 325.3

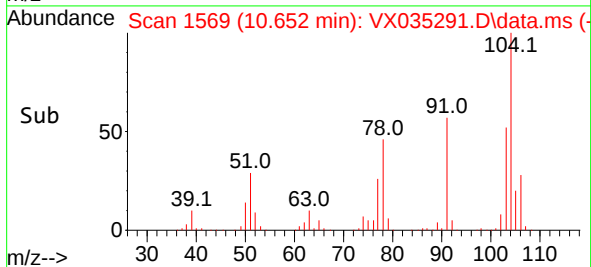
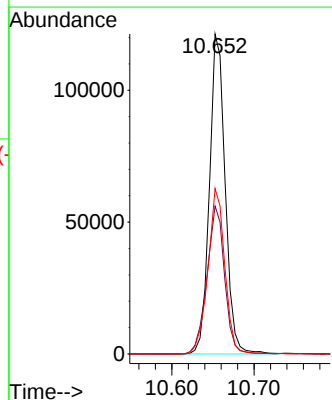
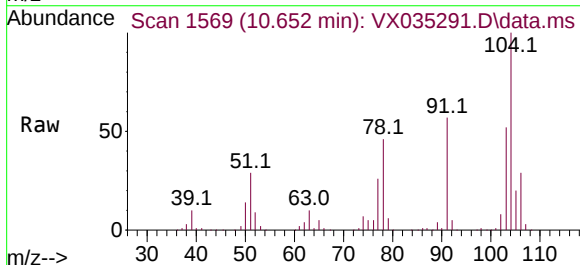
Manual Integrations
APPROVED

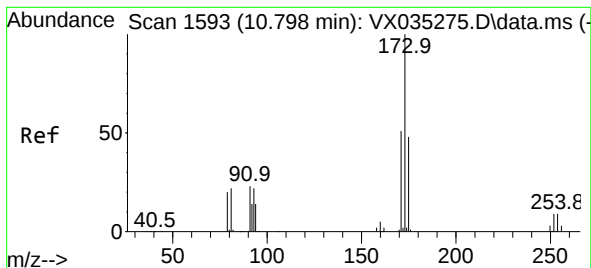
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 19.105 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion:104 Resp: 161502
Ion Ratio Lower Upper
104 100
78 51.6 43.4 65.2
103 55.5 44.2 66.2





#71

Bromoform

Concen: 17.985 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

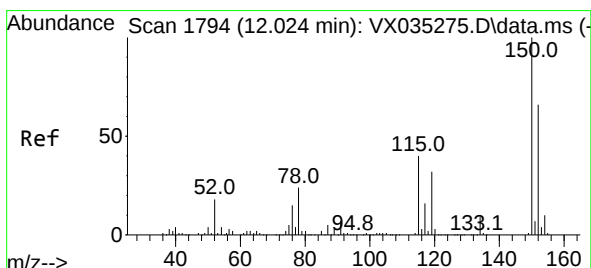
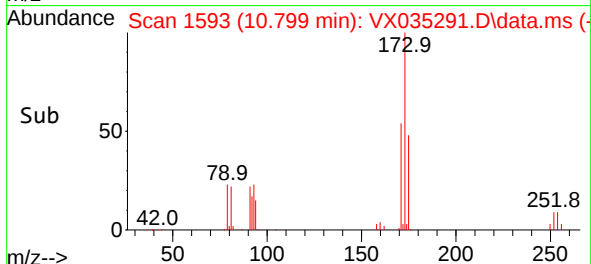
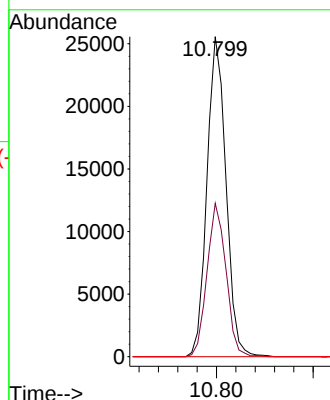
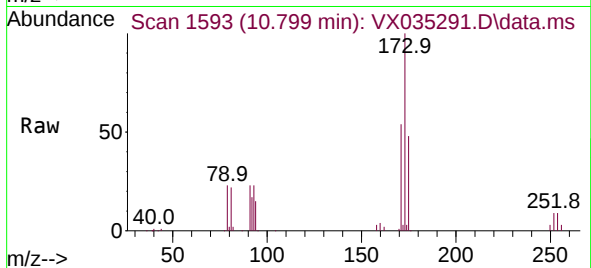
Tgt Ion:173 Resp: 34884
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

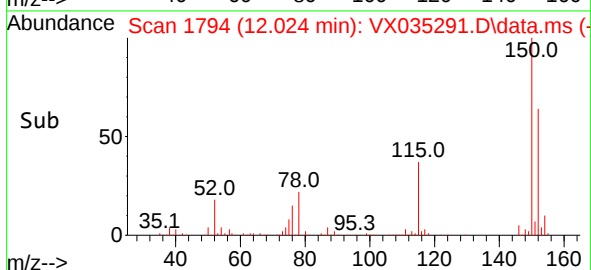
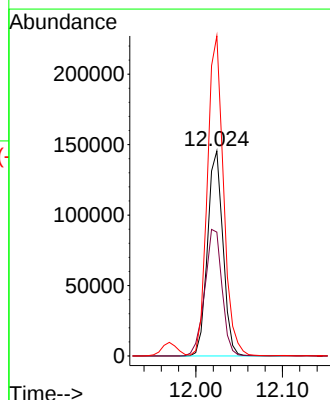
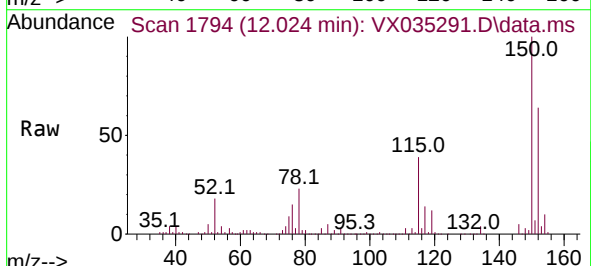
RT: 12.024 min Scan# 1794

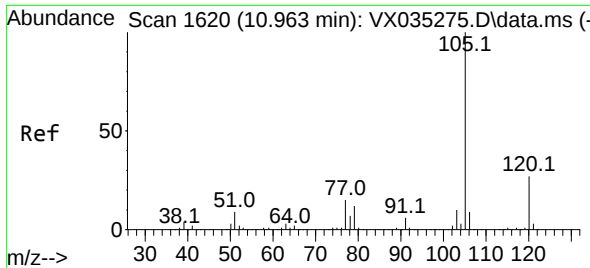
Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Tgt Ion:152 Resp: 180104
 Ion Ratio Lower Upper
 152 100
 115 69.0 45.0 135.0
 150 163.1 0.0 352.4





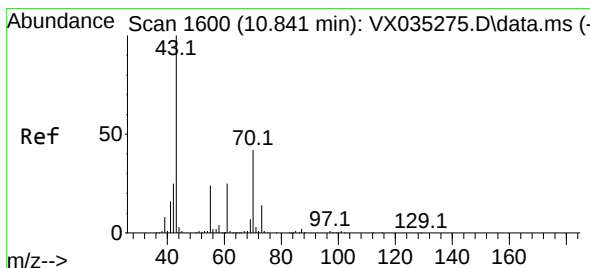
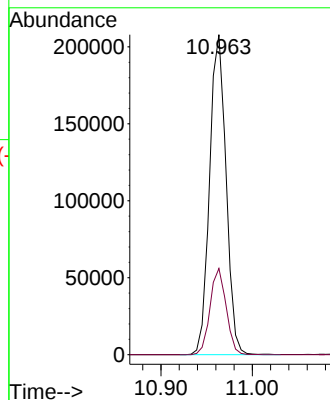
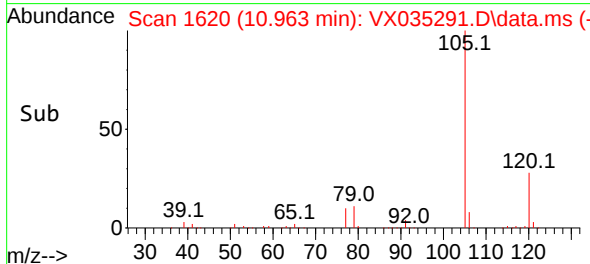
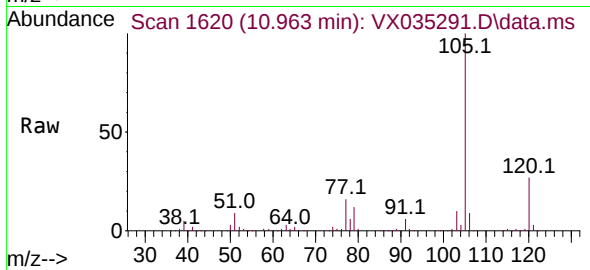
#73
Isopropylbenzene
Concen: 19.709 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion:105 Resp: 259472
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

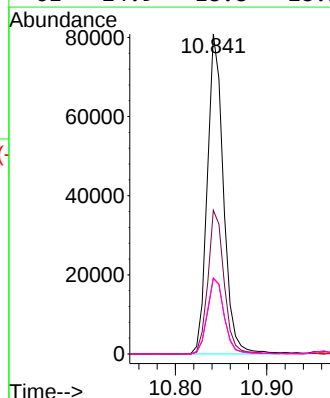
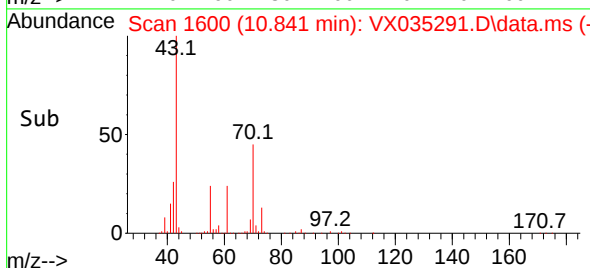
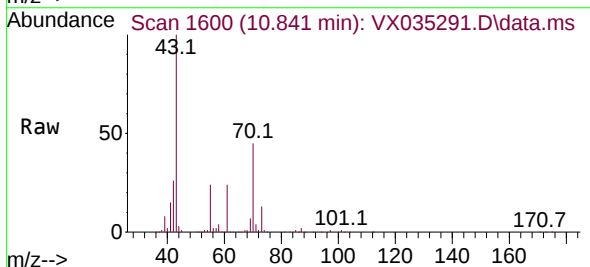
Manual Integrations
APPROVED

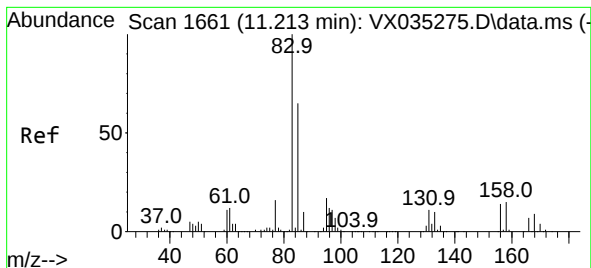
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#74
N-ethyl acetate
Concen: 19.972 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 43 Resp: 98813
Ion Ratio Lower Upper
43 100
70 45.0 32.1 48.1
55 24.9 18.3 27.5
61 24.9 18.8 28.2





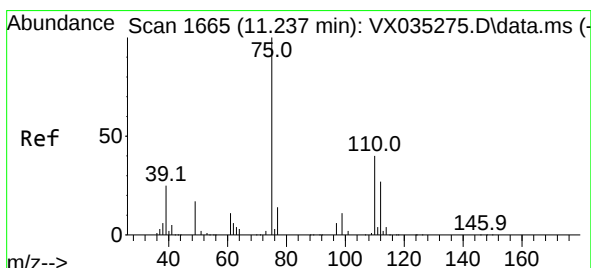
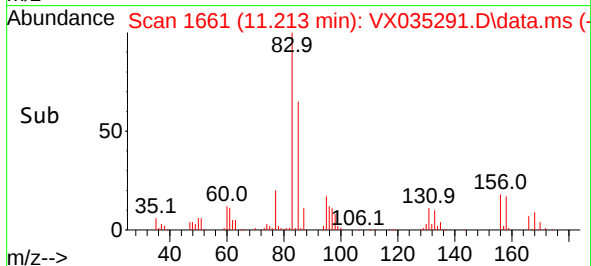
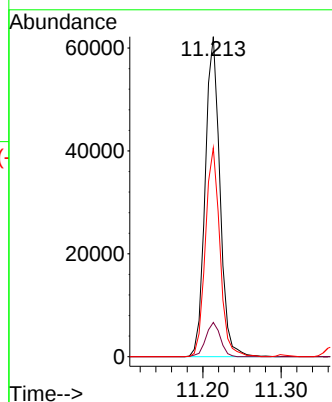
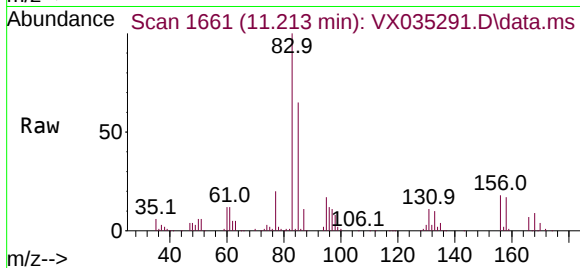
#75
1,1,2,2-Tetrachloroethane
Concen: 19.840 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 83 Resp: 81072
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.3
85 64.4 32.0 96.0

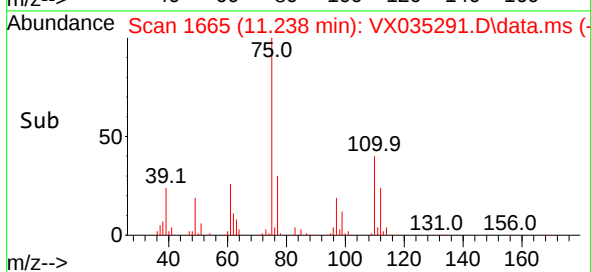
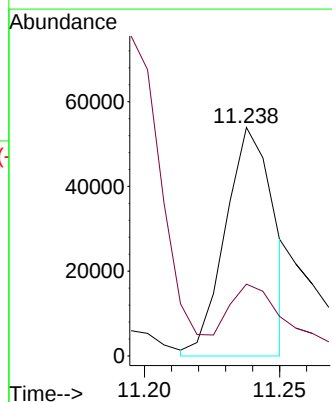
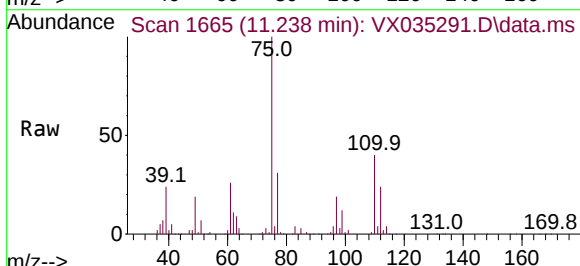
Manual Integrations
APPROVED

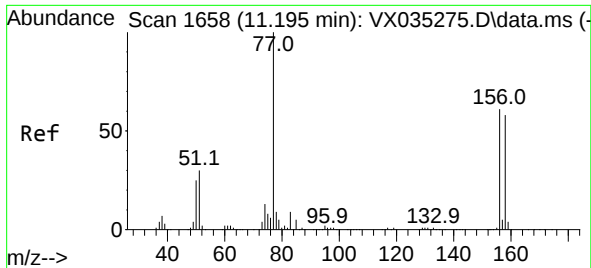
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 18.581 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

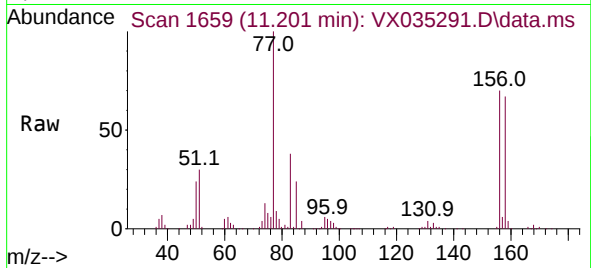
Tgt Ion: 75 Resp: 66756
Ion Ratio Lower Upper
75 100
77 38.4 21.6 64.8





#77
Bromobenzene
Concen: 19.733 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

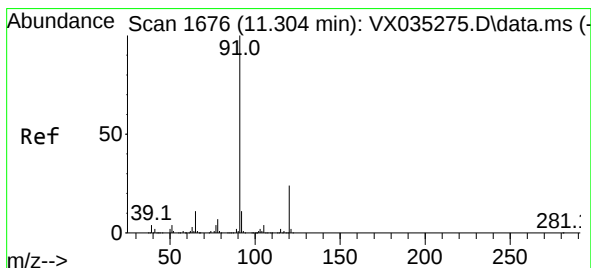
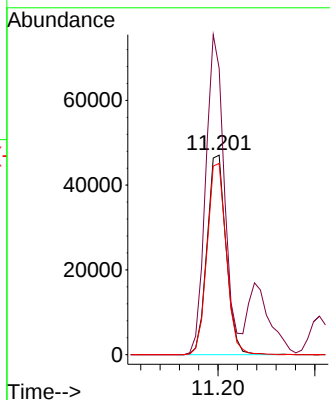
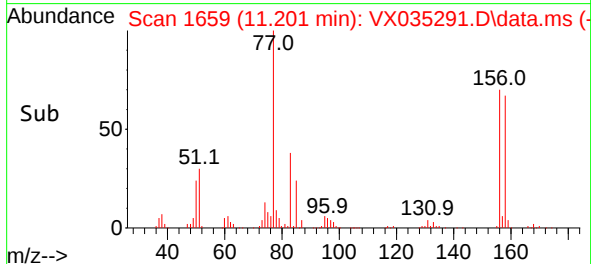
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



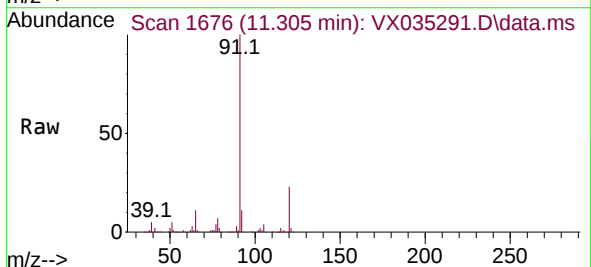
Tgt Ion:156 Resp: 64580
Ion Ratio Lower Upper
156 100
77 157.7 86.7 259.9
158 96.3 48.0 144.0

Manual Integrations
APPROVED

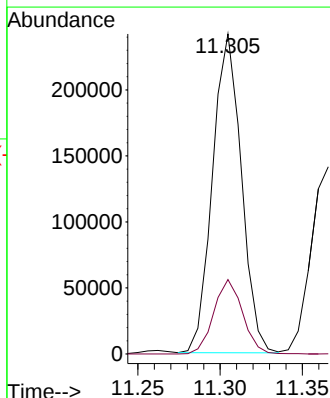
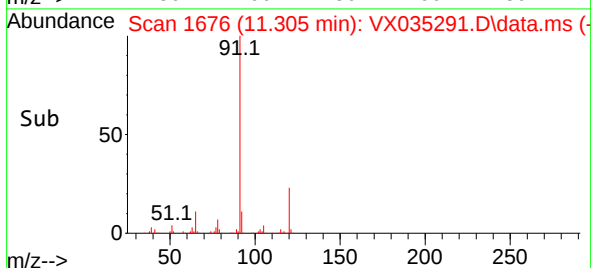
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

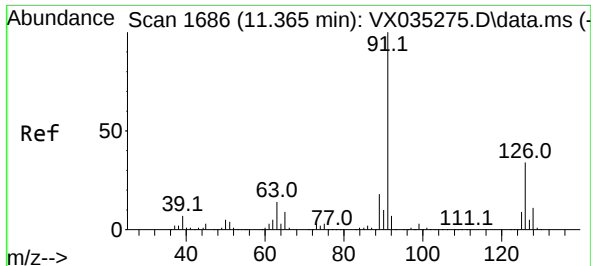


#78
n-propylbenzene
Concen: 19.461 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



Tgt Ion: 91 Resp: 294254
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5





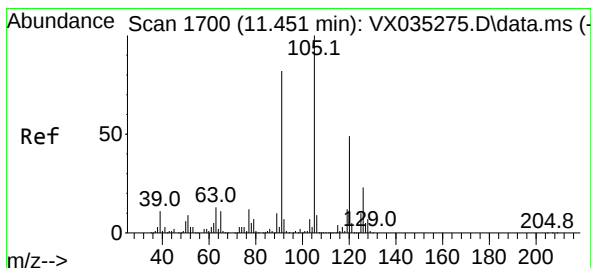
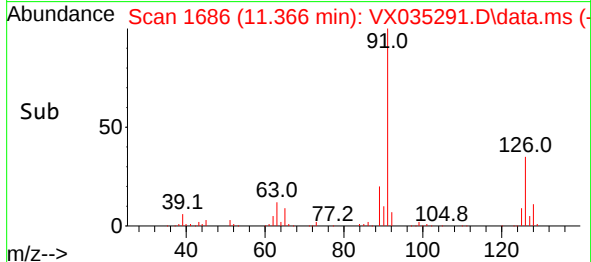
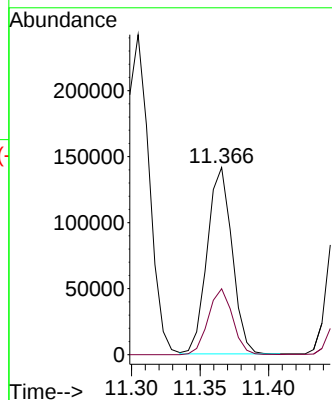
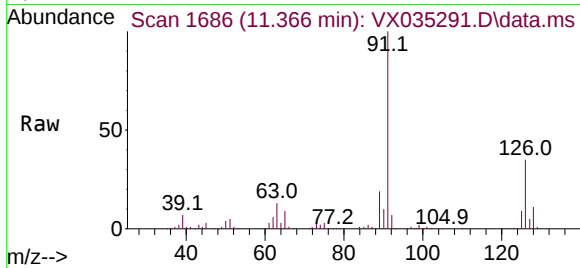
#79
2-Chlorotoluene
Concen: 18.886 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion: 91 Resp: 17844
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.9

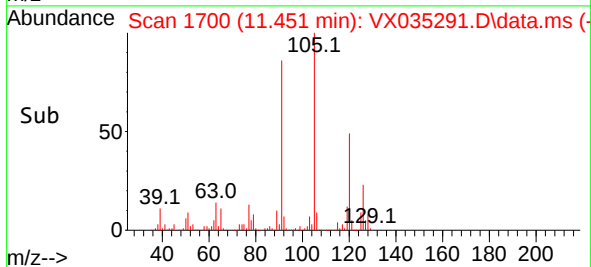
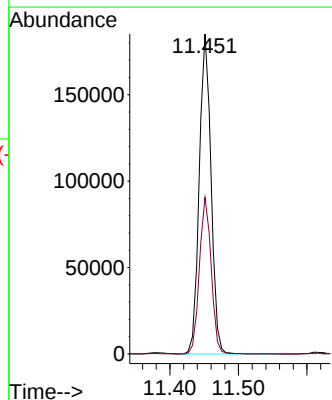
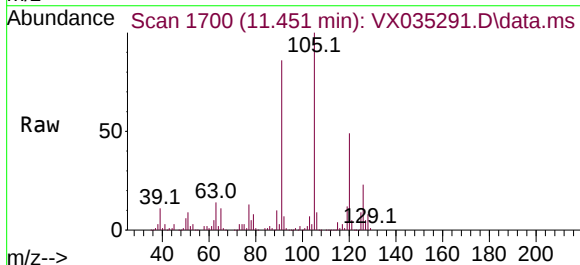
Manual Integrations
APPROVED

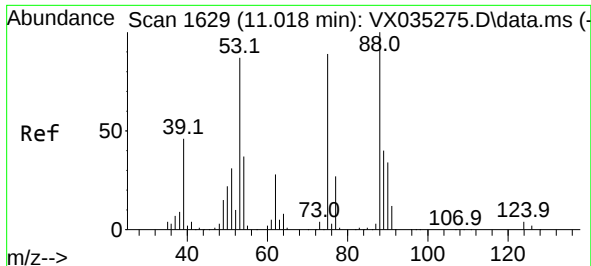
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.974 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

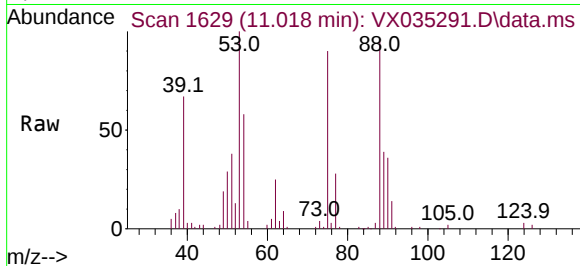
Tgt Ion:105 Resp: 221731
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.089 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

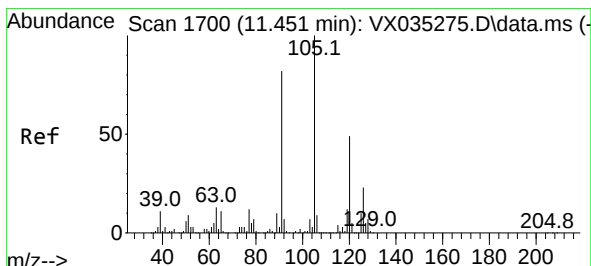
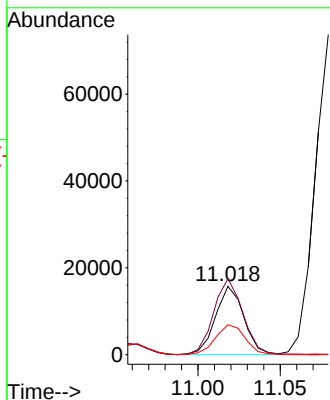
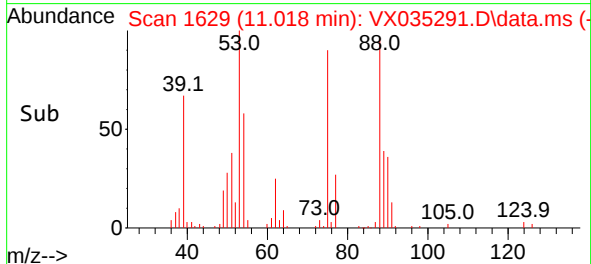
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



Tgt Ion: 75 Resp: 18950
Ion Ratio Lower Upper
75 100
53 114.8 82.6 124.0
89 45.7 36.9 55.3

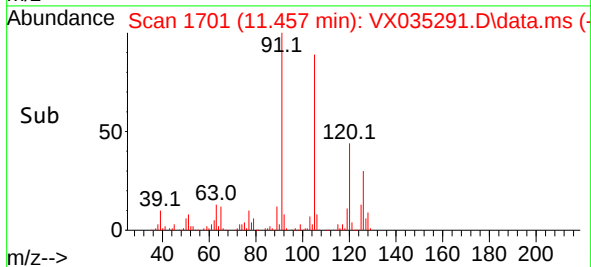
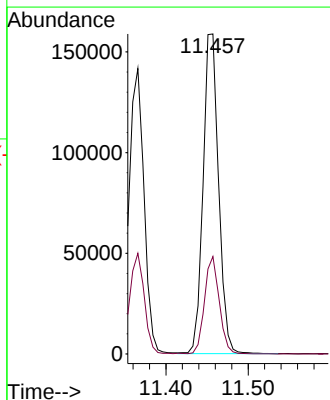
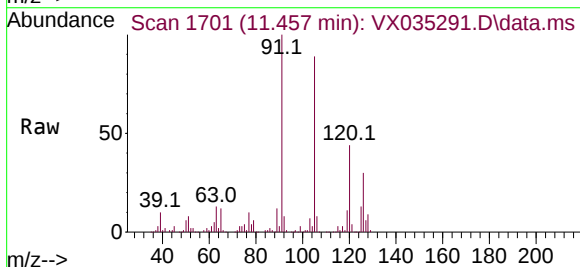
Manual Integrations
APPROVED

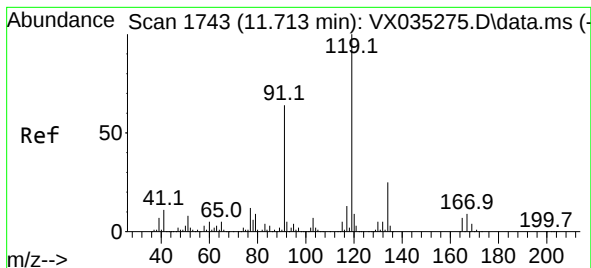
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 19.634 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Tgt Ion: 91 Resp: 208351
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.794 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035291.D

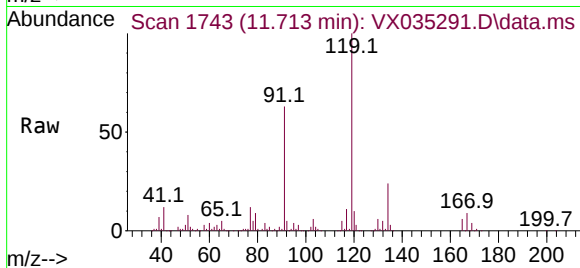
Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBSD01



Tgt Ion:119 Resp: 220474

Ion Ratio Lower Upper

119 100

91 57.7 30.6 92.0

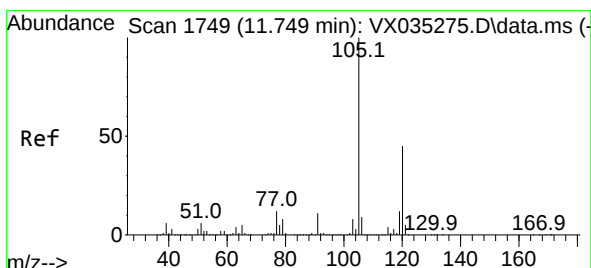
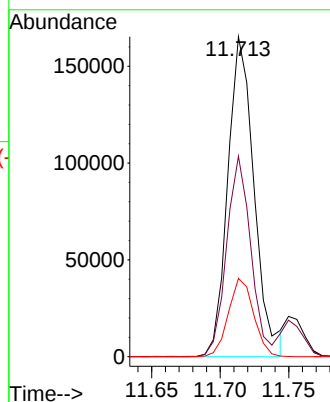
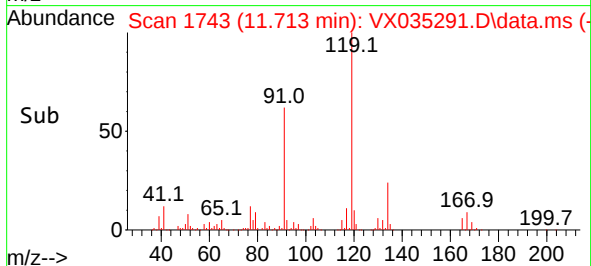
134 23.5 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.627 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035291.D

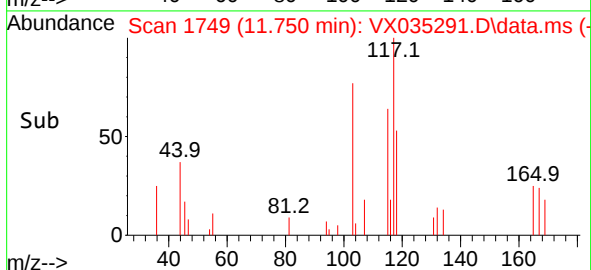
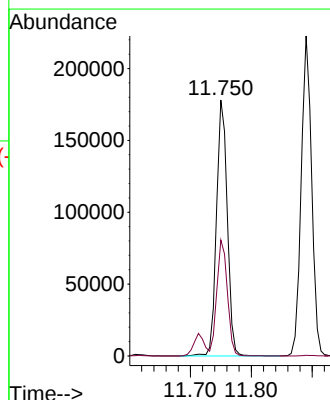
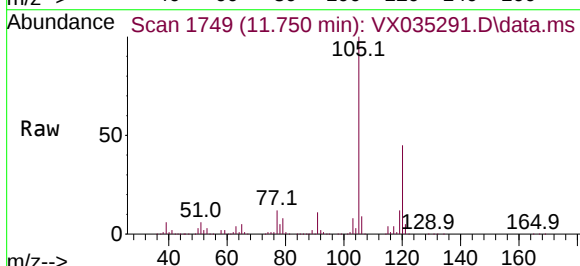
Acq: 25 Apr 2023 18:09

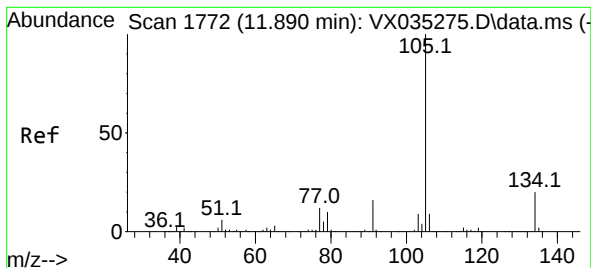
Tgt Ion:105 Resp: 218914

Ion Ratio Lower Upper

105 100

120 44.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.430 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBSD01

Tgt Ion:105 Resp: 265460

Ion Ratio Lower Upper

105 100

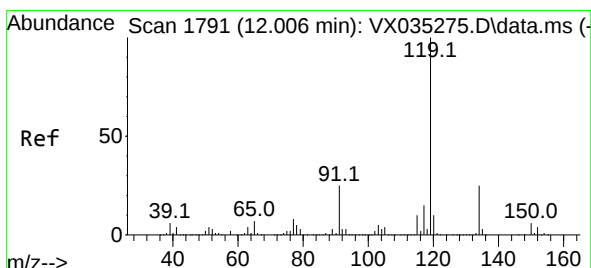
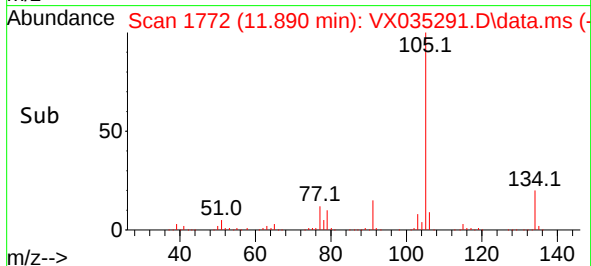
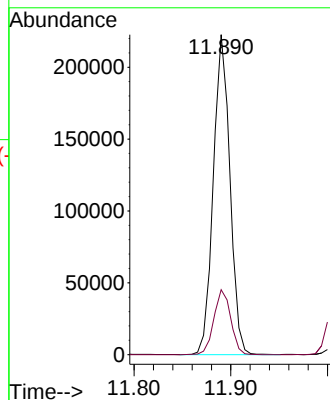
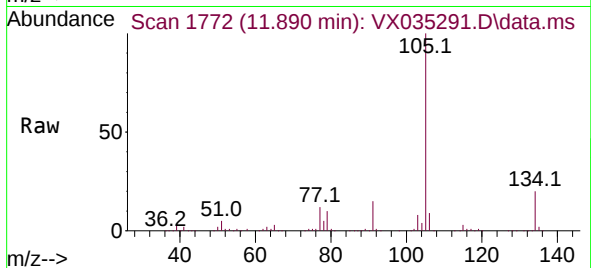
134 20.6 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#86

p-Isopropyltoluene

Concen: 19.387 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX035291.D

Acq: 25 Apr 2023 18:09

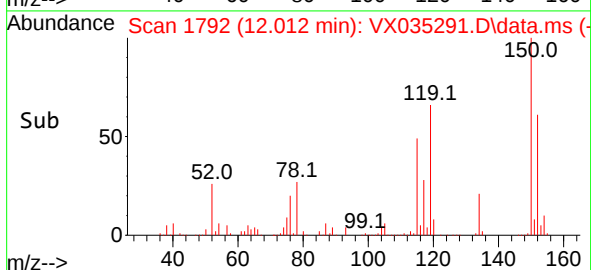
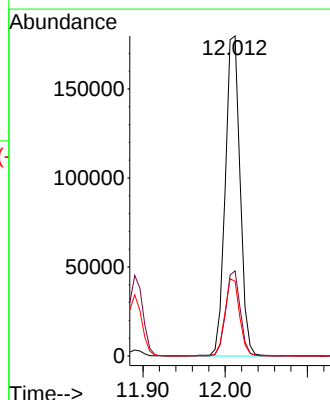
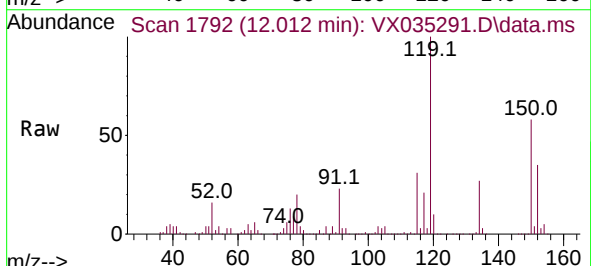
Tgt Ion:119 Resp: 225279

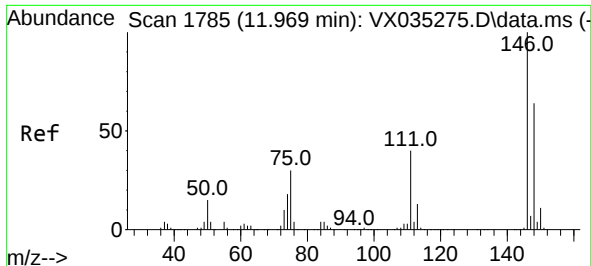
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.357 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035291.D

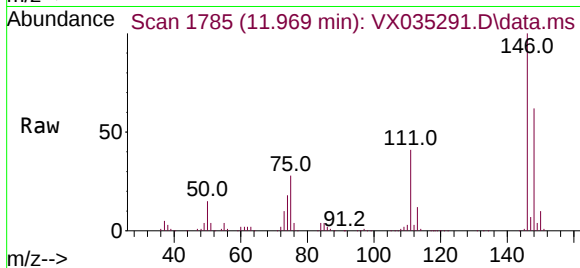
Acq: 25 Apr 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01



Tgt Ion:146 Resp: 120390

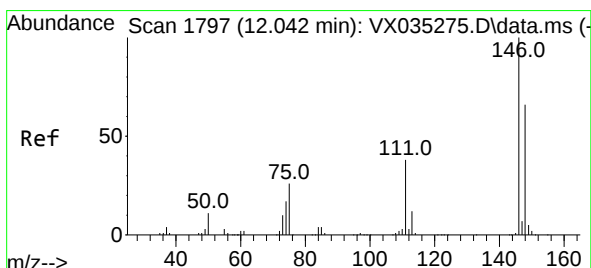
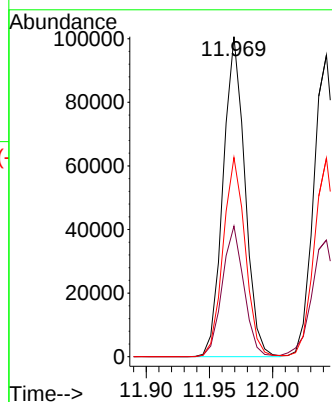
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.8
148	63.0	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#88

1,4-Dichlorobenzene

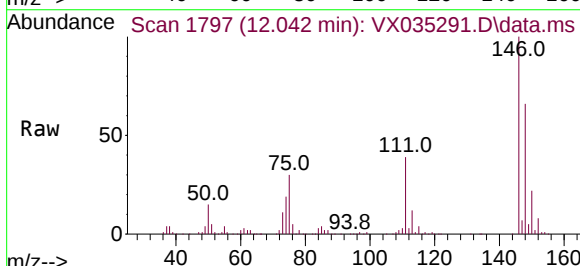
Concen: 18.444 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

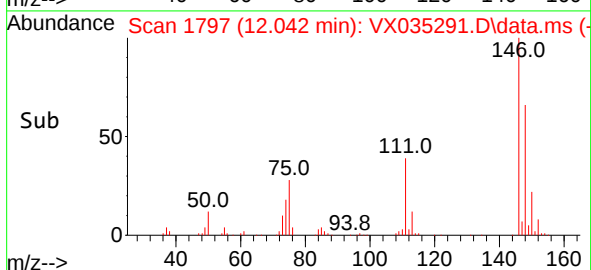
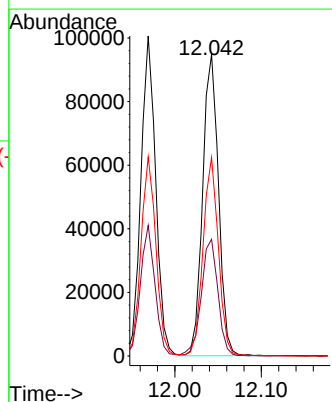
Lab File: VX035291.D

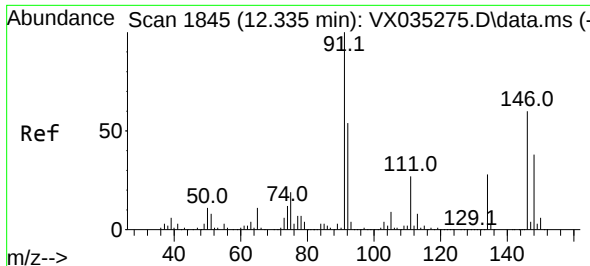
Acq: 25 Apr 2023 18:09



Tgt Ion:146 Resp: 120270

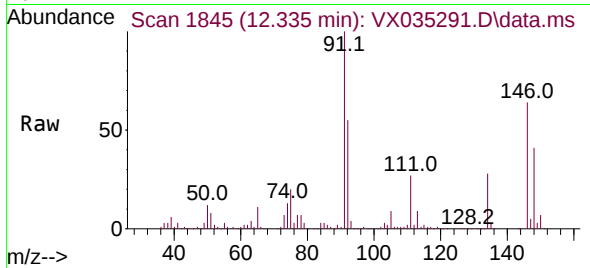
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.9
148	64.2	31.8	95.4





#89
n-Butylbenzene
Concen: 18.597 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

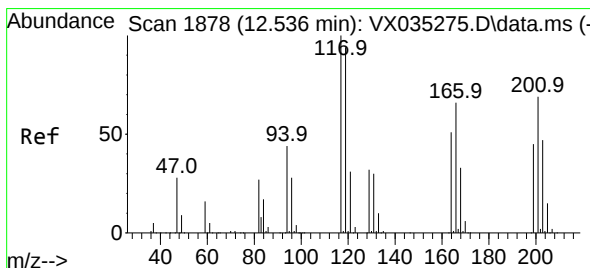
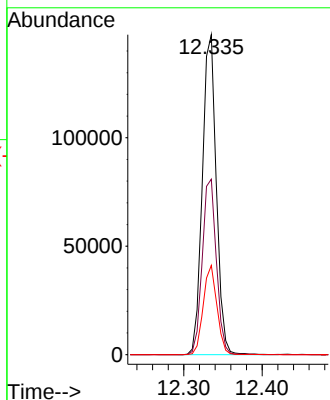
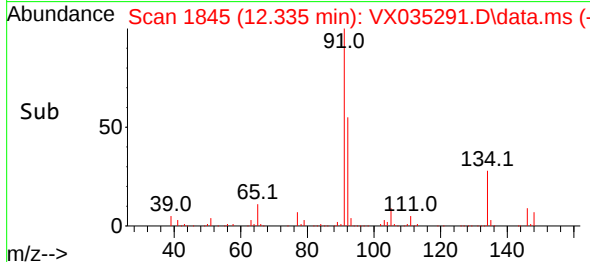
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



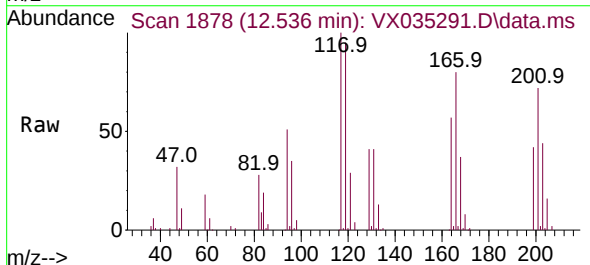
Tgt Ion: 91 Resp: 18242
Ion Ratio Lower Upper
91 100
92 55.5 27.7 83.0
134 27.4 13.0 38.9

Manual Integrations
APPROVED

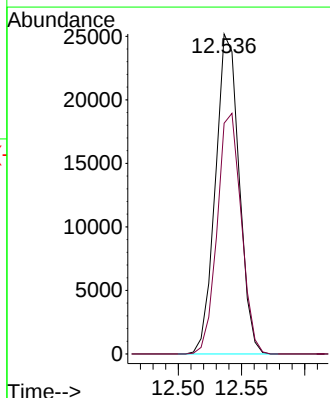
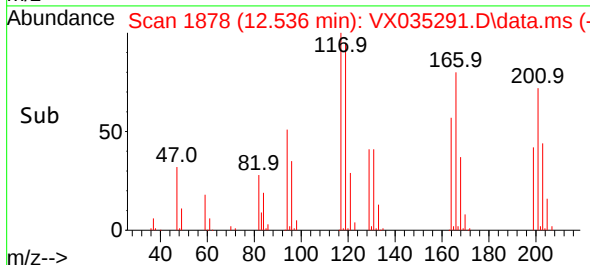
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

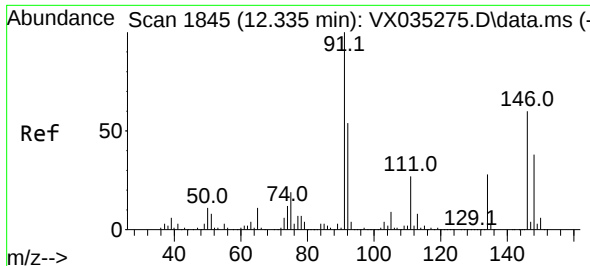


#90
Hexachloroethane
Concen: 18.401 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



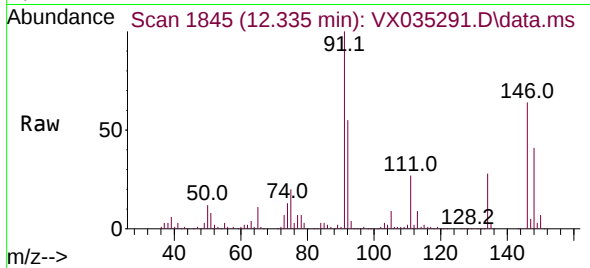
Tgt Ion:117 Resp: 32731
Ion Ratio Lower Upper
117 100
201 76.3 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

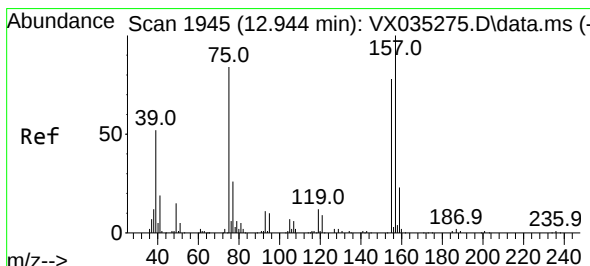
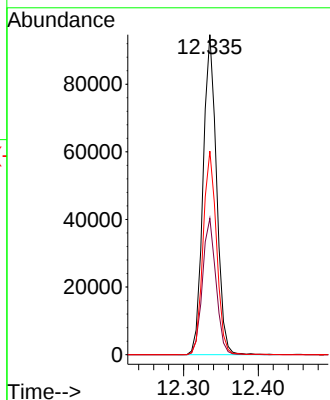
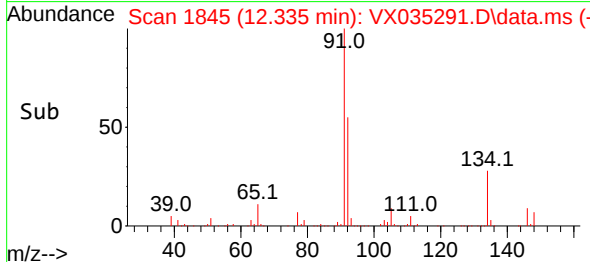
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01



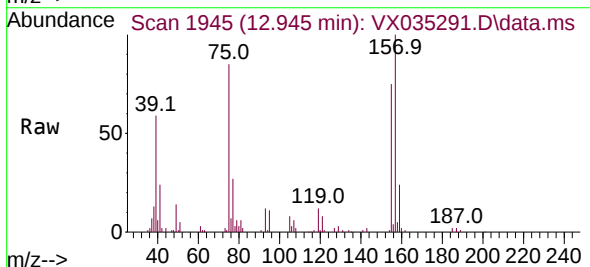
Tgt Ion:146 Resp: 11838
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 63.3 32.0 96.0

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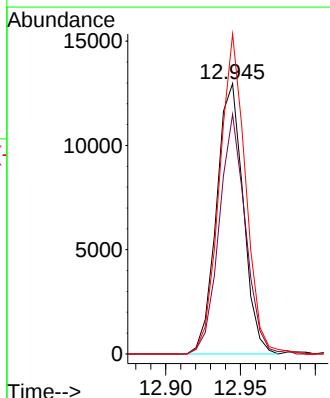
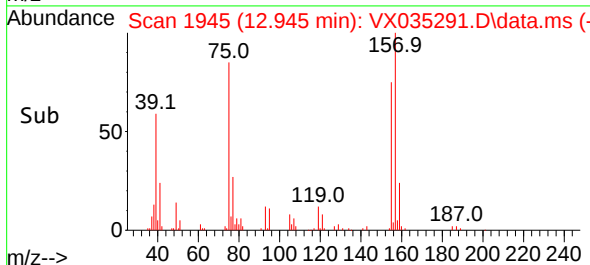
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

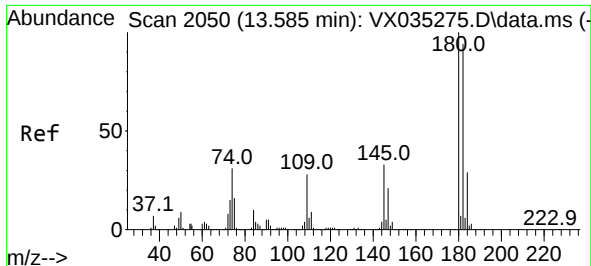


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.689 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



Tgt Ion: 75 Resp: 16133
Ion Ratio Lower Upper
75 100
155 86.8 38.4 115.1
157 115.4 49.9 149.7





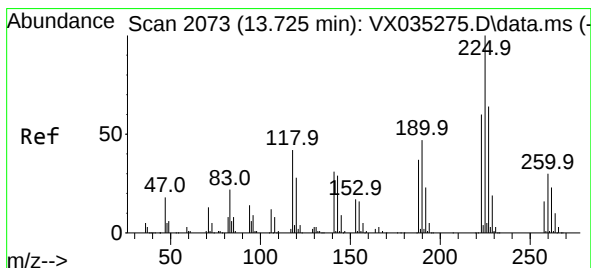
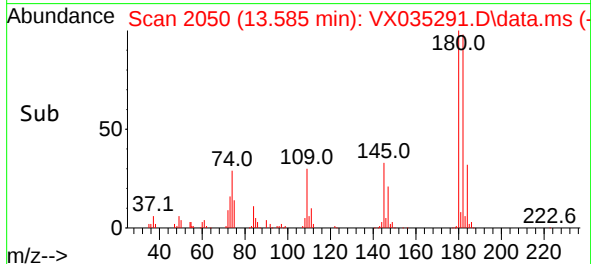
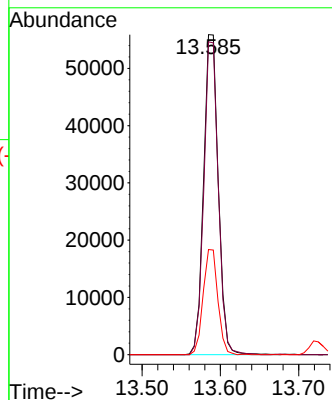
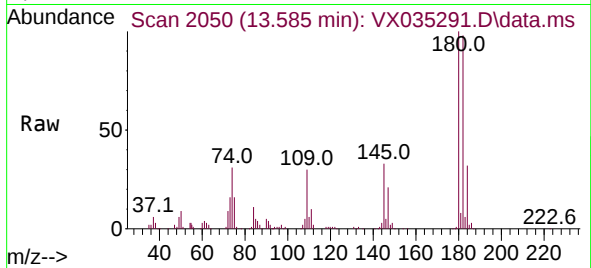
#93
1,2,4-Trichlorobenzene
Concen: 18.582 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01

Tgt Ion:180 Resp: 7265
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 32.9 15.9 47.7

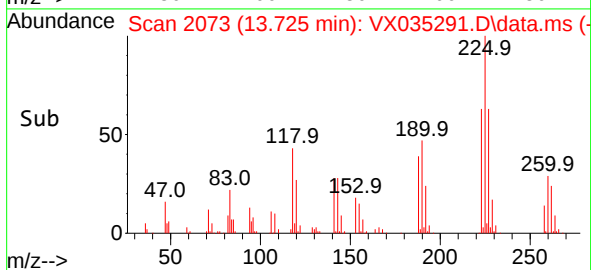
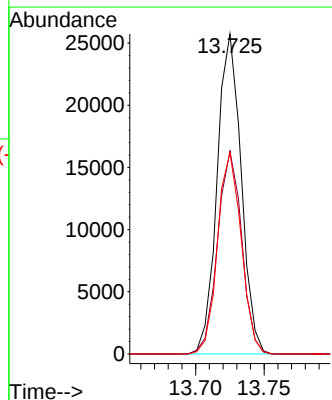
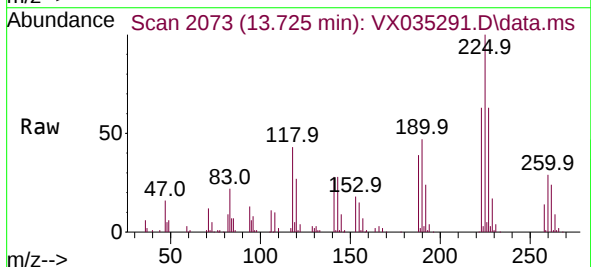
Manual Integrations
APPROVED

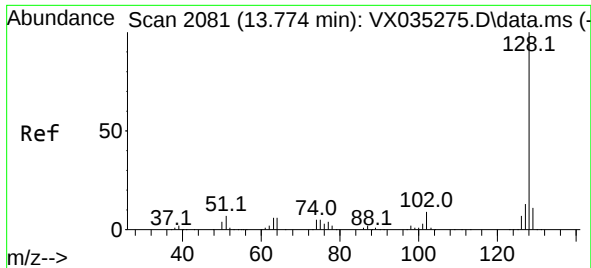
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#94
Hexachlorobutadiene
Concen: 18.266 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

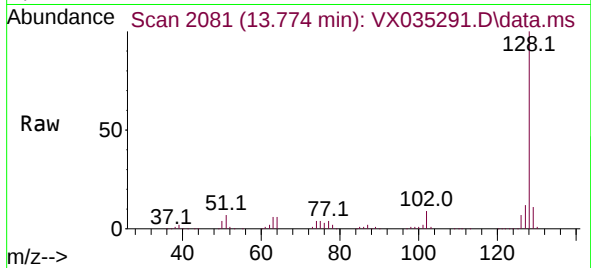
Tgt Ion:225 Resp: 31344
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.5
227 62.1 31.8 95.4





#95
Naphthalene
Concen: 20.833 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09

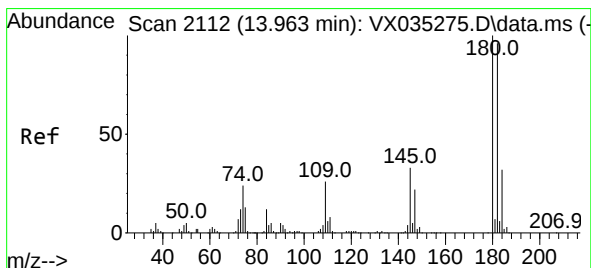
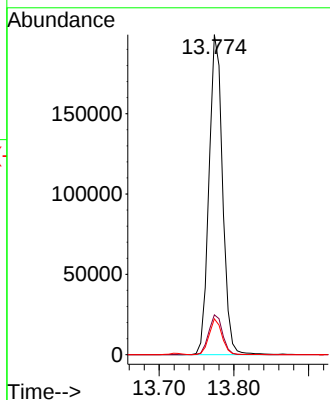
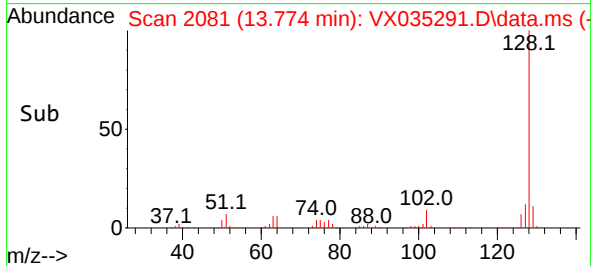
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBSD01



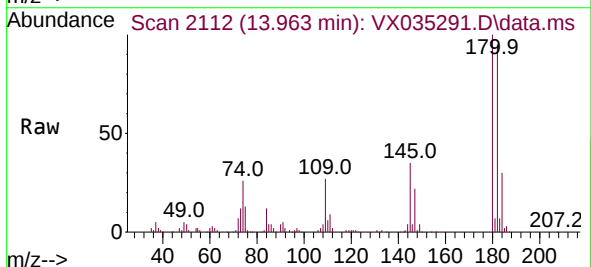
Tgt Ion:128 Resp: 250764
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.462 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035291.D
Acq: 25 Apr 2023 18:09



Tgt Ion:180 Resp: 76604
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.2
145 33.7 17.7 53.1

