

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033275.D
 Acq On : 07 Dec 2022 10:32
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 11:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 09:47:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	19119	12.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	24.060%#		
35) Dibromofluoromethane	5.391	113	21699	16.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.220%#		
50) Toluene-d8	8.653	98	45228	10.662	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	21.320%#		
62) 4-Bromofluorobenzene	11.079	95	35433	20.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23127	20.520	ug/l	99
3) Chloromethane	1.294	50	26409	21.705	ug/l	98
4) Vinyl Chloride	1.373	62	30354	22.406	ug/l	98
5) Bromomethane	1.617	94	21504	21.406	ug/l	99
6) Chloroethane	1.690	64	23121	20.964	ug/l	97
7) Trichlorofluoromethane	1.892	101	57892	22.018	ug/l	99
8) Diethyl Ether	2.135	74	20304	24.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	31565	22.840	ug/l	96
10) Methyl Iodide	2.452	142	32964	20.836	ug/l	99
11) Tert butyl alcohol	2.989	59	29613	130.033	ug/l	99
12) 1,1-Dichloroethene	2.324	96	29810	23.156	ug/l	98
13) Acrolein	2.239	56	24508	93.690	ug/l	100
14) Allyl chloride	2.666	41	47089	22.656	ug/l	96
15) Acrylonitrile	3.068	53	78907	122.500	ug/l	99
16) Acetone	2.391	43	78227	116.594	ug/l	100
17) Carbon Disulfide	2.513	76	75958	21.356	ug/l	100
18) Methyl Acetate	2.708	43	45026	24.243	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	100985	22.619	ug/l	99
20) Methylene Chloride	2.794	84	33410	20.670	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	32308	21.939	ug/l	96
22) Diisopropyl ether	3.763	45	102846	22.725	ug/l	97
23) Vinyl Acetate	3.720	43	393390	111.048	ug/l	100
24) 1,1-Dichloroethane	3.611	63	59379	22.928	ug/l	99
25) 2-Butanone	4.562	43	113918	123.133	ug/l	98
26) 2,2-Dichloropropane	4.483	77	43915	21.089	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	38152	22.802	ug/l	99
28) Bromochloromethane	4.897	49	24001	21.092	ug/l	97
29) Tetrahydrofuran	5.013	42	72726	123.883	ug/l	99
30) Chloroform	5.098	83	66575	22.953	ug/l	98
31) Cyclohexane	5.476	56	51704	22.212	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	58398	22.482	ug/l	99
36) 1,1-Dichloropropene	5.696	75	46341	22.181	ug/l	99
37) Ethyl Acetate	4.720	43	44368	24.342	ug/l	98
38) Carbon Tetrachloride	5.677	117	52464	22.637	ug/l	97
39) Methylcyclohexane	7.384	83	53198	22.317	ug/l	97
40) Benzene	6.037	78	135692	23.165	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24810	24.191	ug/l	98
42) 1,2-Dichloroethane	6.092	62	54314	23.029	ug/l	99
43) Isopropyl Acetate	6.342	43	69604	23.091	ug/l	99
44) Trichloroethene	7.128	130	37995	23.116	ug/l	100
45) 1,2-Dichloropropane	7.433	63	34412	23.772	ug/l	96
46) Dibromomethane	7.586	93	26034	23.049	ug/l	98
47) Bromodichloromethane	7.823	83	52123	23.881	ug/l	99
48) Methyl methacrylate	7.695	41	35797	23.071	ug/l	97
49) 1,4-Dioxane	7.701	88	16990	594.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	231237	124.317	ug/l	99
52) Toluene	8.720	92	89946	23.340	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	48793	22.777	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53756	22.847	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	35906	22.885	ug/l	99
56) Ethyl methacrylate	9.116	69	51875	23.997	ug/l	95
57) 1,3-Dichloropropane	9.311	76	59108	23.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	101008	98.398	ug/l	100
59) 2-Hexanone	9.433	43	173715	126.425	ug/l	98
60) Dibromochloromethane	9.524	129	40652	24.066	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39225	23.686	ug/l	98
64) Tetrachloroethene	9.274	164	33071	22.029	ug/l	96
65) Chlorobenzene	10.079	112	98299	23.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	37470	24.185	ug/l	99
67) Ethyl Benzene	10.195	91	173292	23.103	ug/l	100
68) m/p-Xylenes	10.299	106	134099	45.655	ug/l	100
69) o-Xylene	10.640	106	66685	23.464	ug/l	98
70) Styrene	10.658	104	109831	23.622	ug/l	100
71) Bromoform	10.798	173	29189	24.572	ug/l #	99
73) Isopropylbenzene	10.963	105	175194	23.430	ug/l	100
74) N-amyl acetate	10.841	43	60421	23.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	54465	24.134	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	49227m	24.842	ug/l	
77) Bromobenzene	11.195	156	43240	23.514	ug/l	99
78) n-propylbenzene	11.304	91	199580	23.345	ug/l	100
79) 2-Chlorotoluene	11.365	91	120391	23.187	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	147966	23.556	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14526	23.827	ug/l	96
82) 4-Chlorotoluene	11.457	91	139436	22.916	ug/l	100
83) tert-Butylbenzene	11.713	119	148011	23.672	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	148682	23.739	ug/l	99
85) sec-Butylbenzene	11.890	105	174891	23.380	ug/l	100
86) p-Isopropyltoluene	12.012	119	150310	23.717	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80485	23.335	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	79989	22.644	ug/l	99
89) n-Butylbenzene	12.335	91	125513	22.988	ug/l	100
90) Hexachloroethane	12.542	117	24641	23.665	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	79568	23.715	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	11683	25.947	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	48268	23.338	ug/l	97
94) Hexachlorobutadiene	13.725	225	19262	21.110	ug/l	99
95) Naphthalene	13.774	128	163799	24.481	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47697	22.997	ug/l	100

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QLast Update : Wed Dec 07 09:47:15 2022
Response via : Initial Calibration

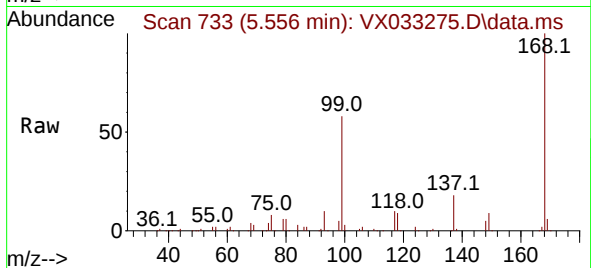
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

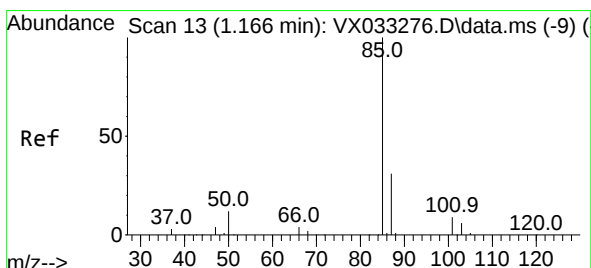
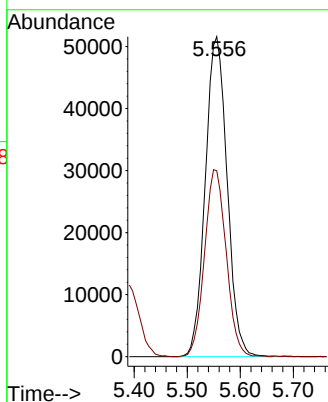
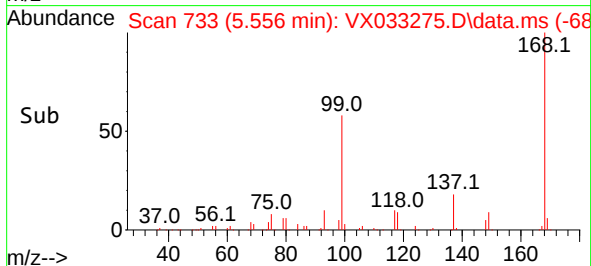
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 14752
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1

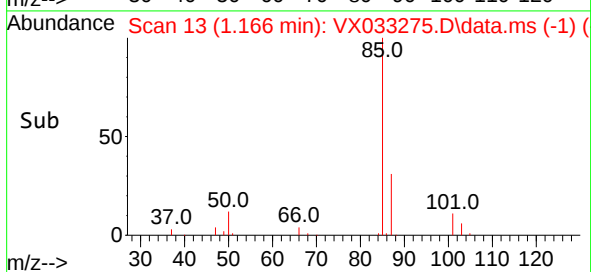
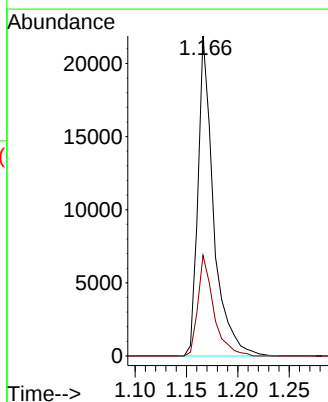
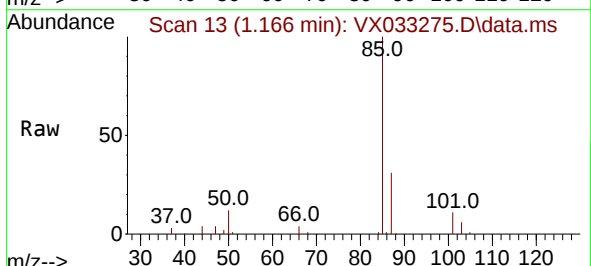
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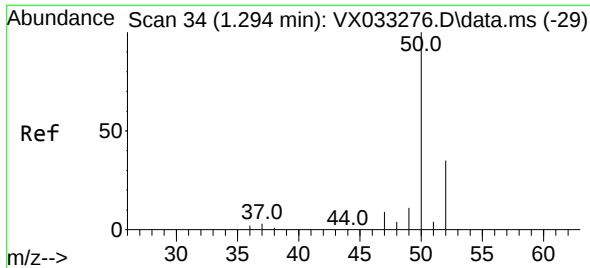
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#2
Dichlorodifluoromethane
Concen: 20.520 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 85 Resp: 23127
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.7





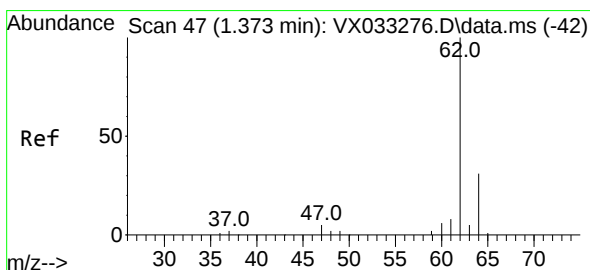
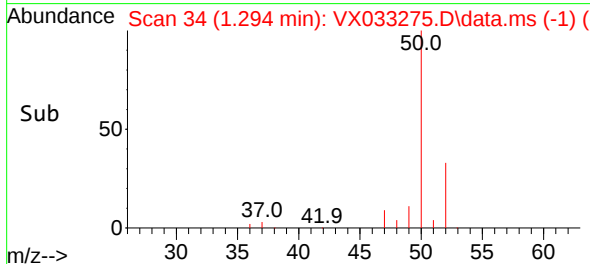
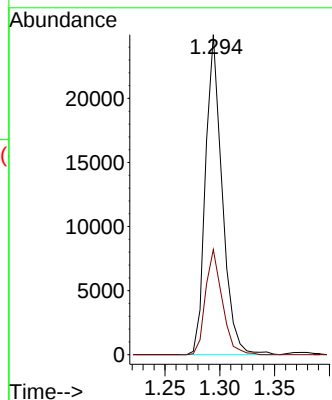
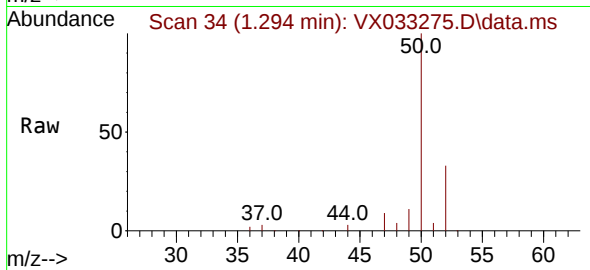
#3
Chloromethane
Concen: 21.705 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 26409
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

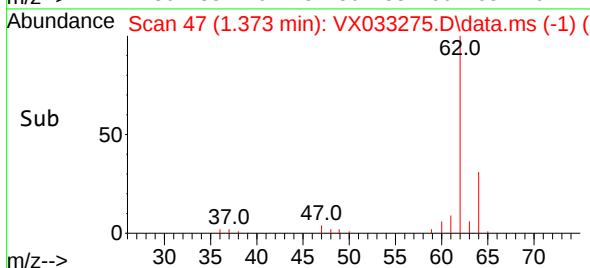
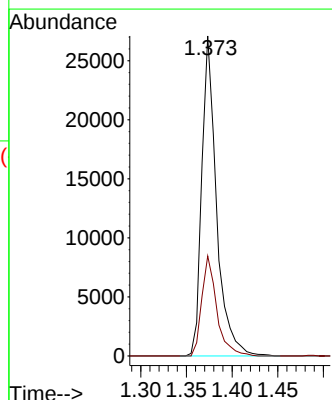
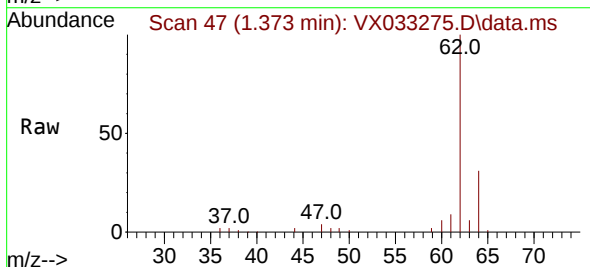
Manual Integrations
APPROVED

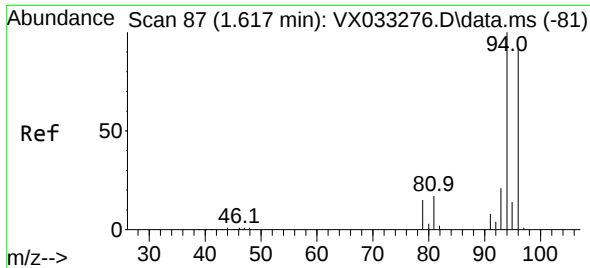
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#4
Vinyl Chloride
Concen: 22.406 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

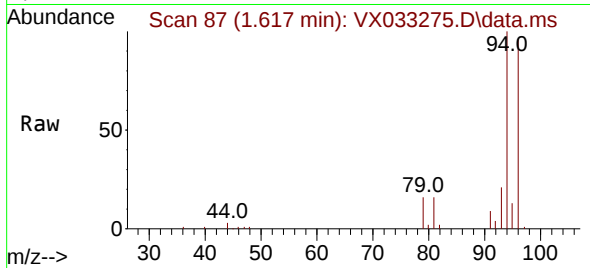
Tgt Ion: 62 Resp: 30354
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 21.406 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

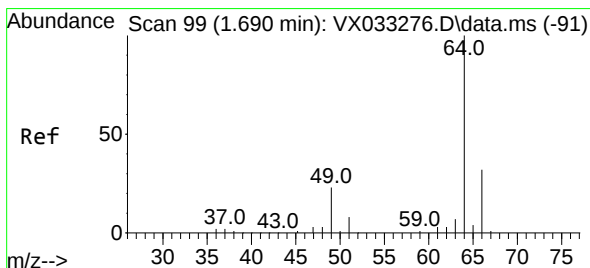
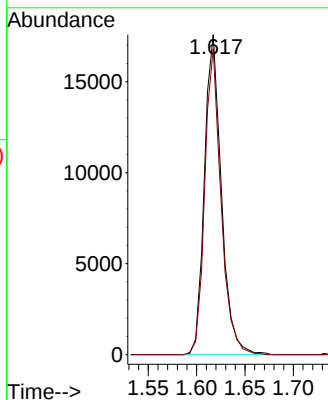
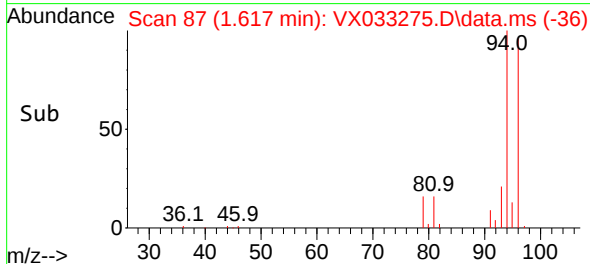
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 21504
Ion Ratio Lower Upper
94 100
96 95.6 77.6 116.4

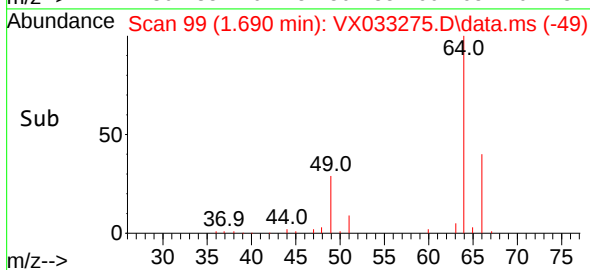
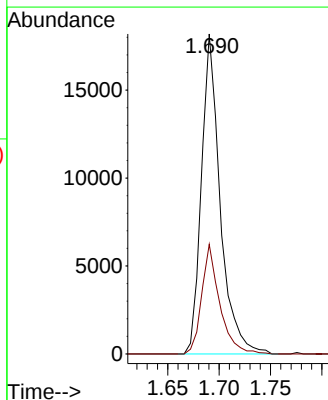
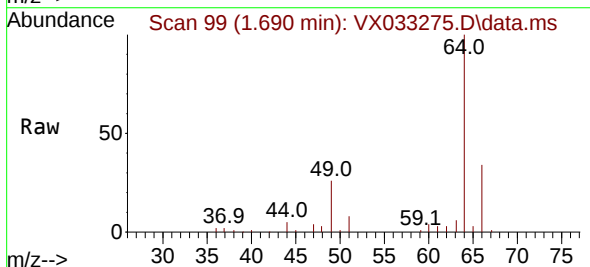
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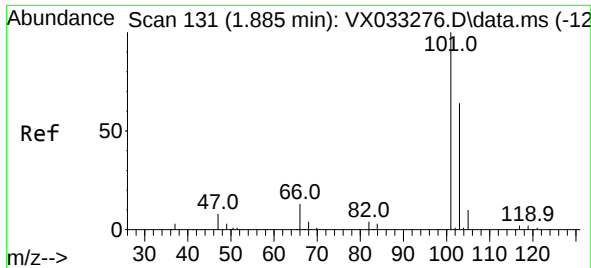
Reviewed By :John Carlone 12/08/2022
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#6
Chloroethane
Concen: 20.964 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 64 Resp: 23121
Ion Ratio Lower Upper
64 100
66 34.3 26.0 39.0





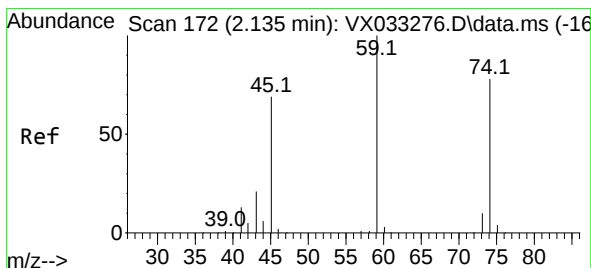
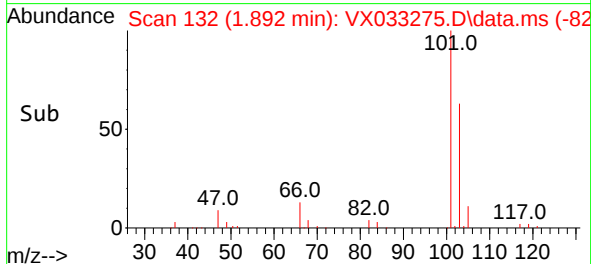
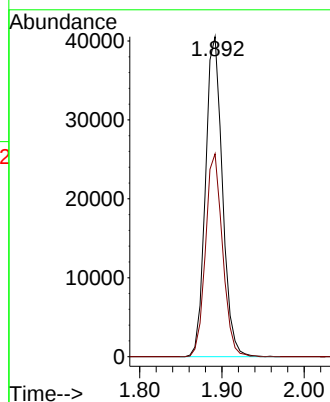
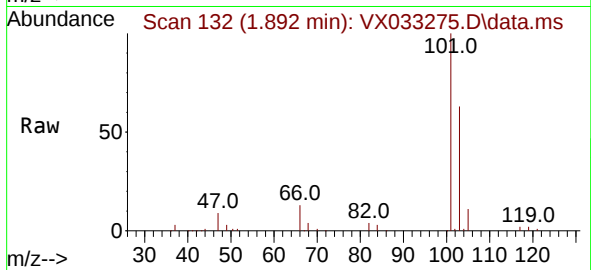
#7
Trichlorofluoromethane
Concen: 22.018 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 57892
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

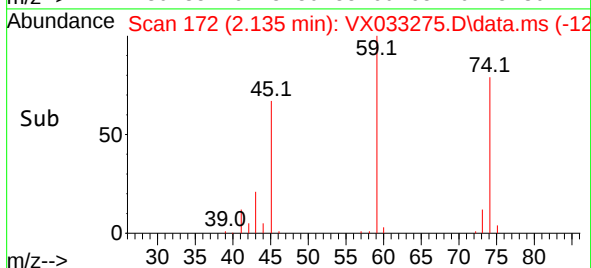
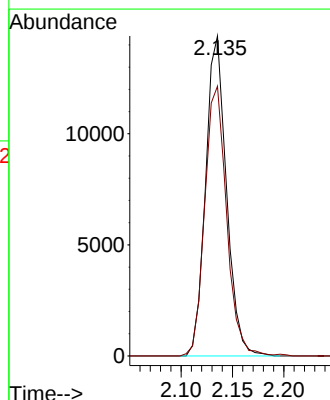
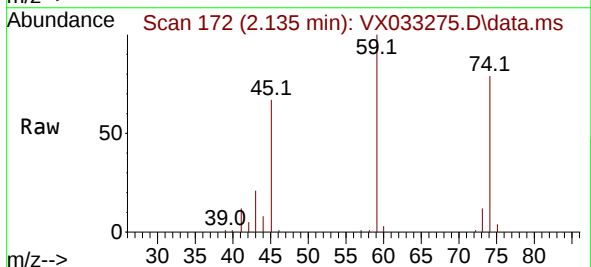
Manual Integrations
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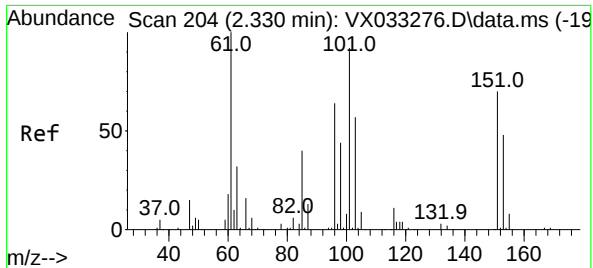
Reviewed By :John Carlone 12/08/2022
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#8
Diethyl Ether
Concen: 24.528 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.005 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 74 Resp: 20304
Ion Ratio Lower Upper
74 100
45 88.7 46.6 139.7





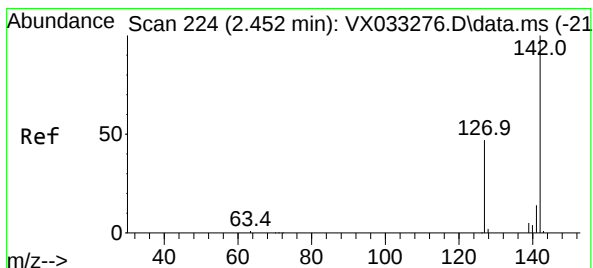
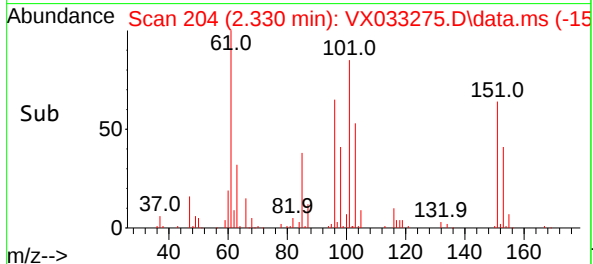
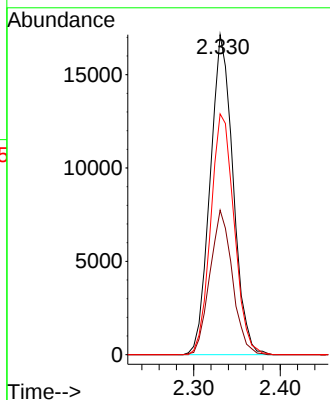
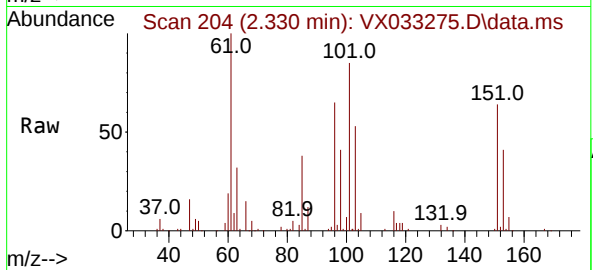
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.840 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3156
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.4
151 76.9 64.4 96.6

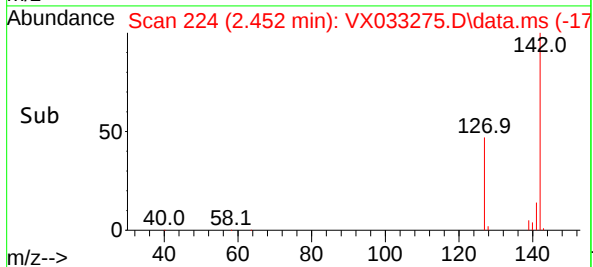
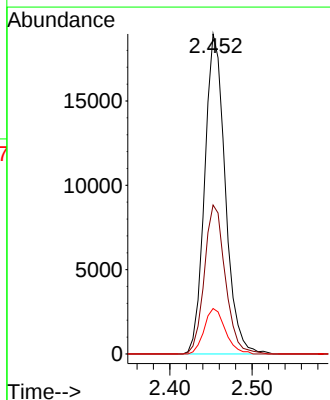
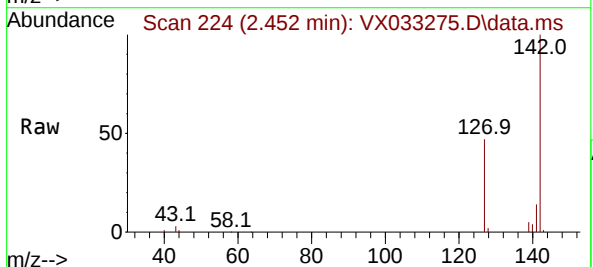
Manual Integrations
APPROVED

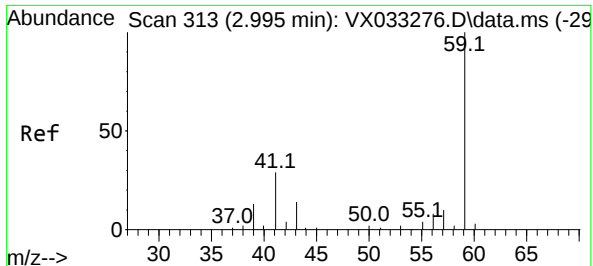
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 20.836 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion:142 Resp: 32964
Ion Ratio Lower Upper
142 100
127 47.4 38.6 57.8
141 14.6 11.4 17.2





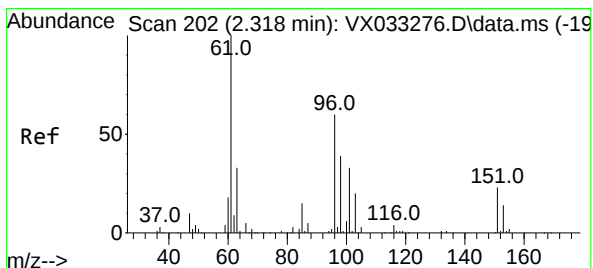
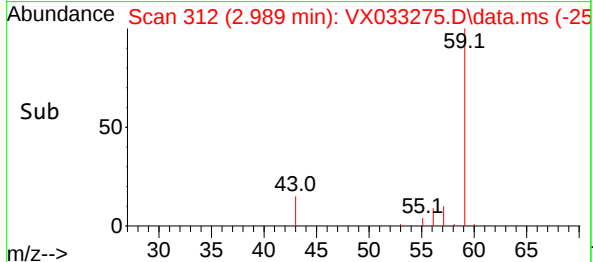
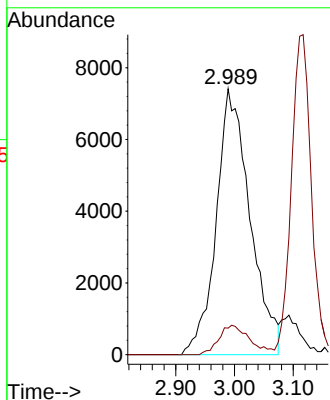
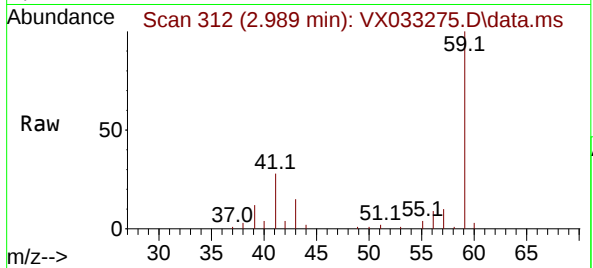
#11
Tert butyl alcohol
Concen: 130.033 ug/l
RT: 2.989 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 2961
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

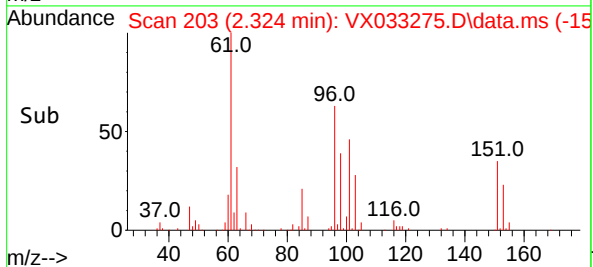
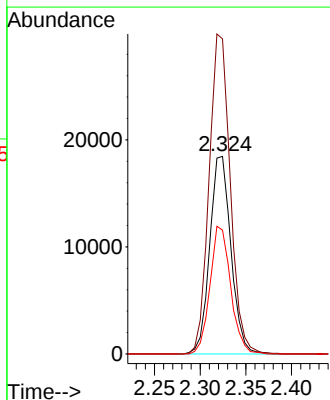
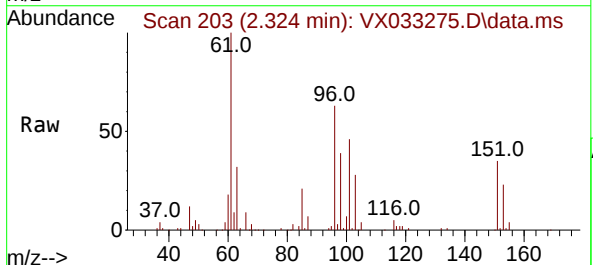
Manual Integrations
APPROVED

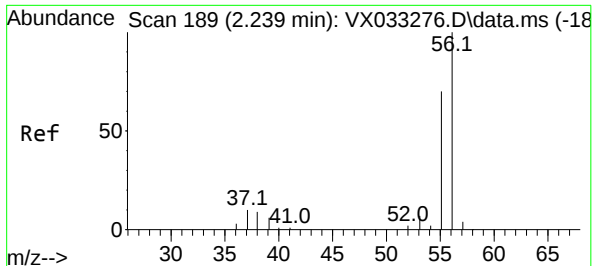
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 23.156 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

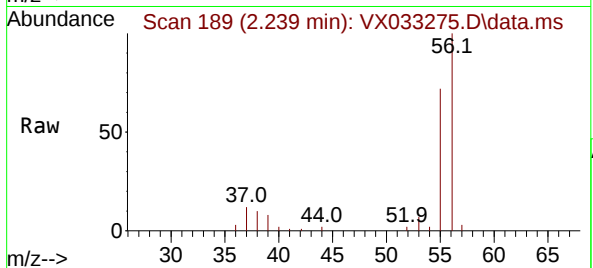
Tgt Ion: 96 Resp: 29810
Ion Ratio Lower Upper
96 100
61 159.4 125.1 187.7
98 62.7 50.6 76.0





#13
Acrolein
Concen: 93.690 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

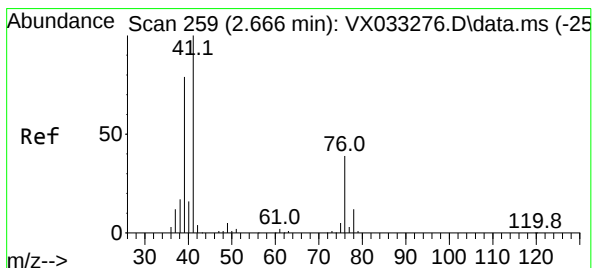
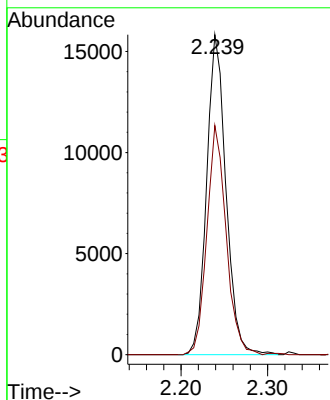
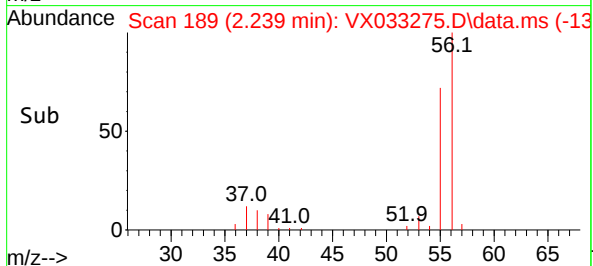
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 24508
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

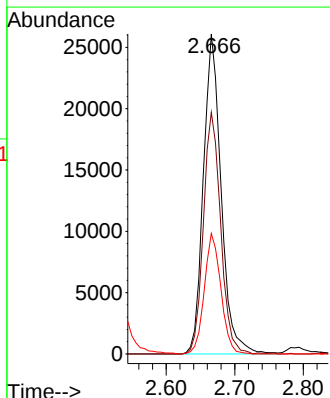
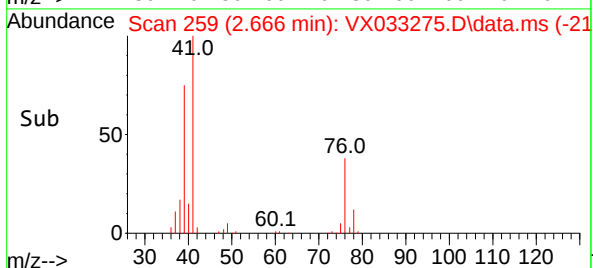
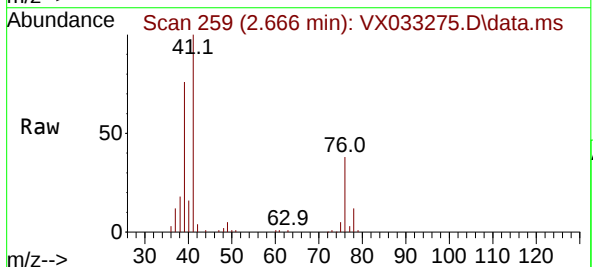
Manual Integrations
APPROVED

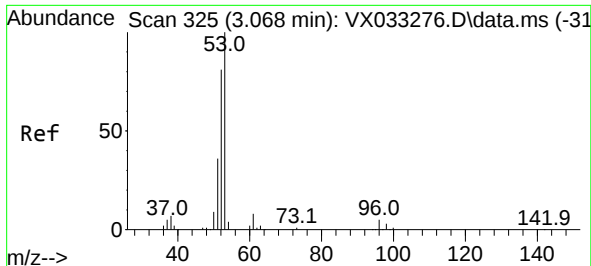
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#14
Allyl chloride
Concen: 22.656 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

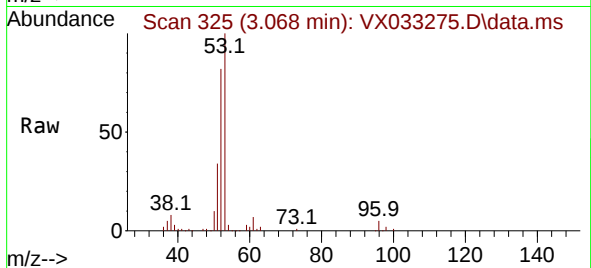
Tgt Ion: 41 Resp: 47089
Ion Ratio Lower Upper
41 100
39 73.2 61.4 92.2
76 35.1 29.2 43.8





#15
Acrylonitrile
Concen: 122.500 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

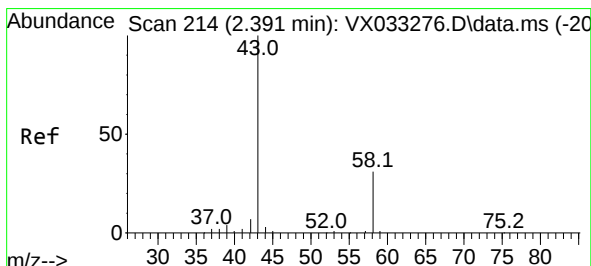
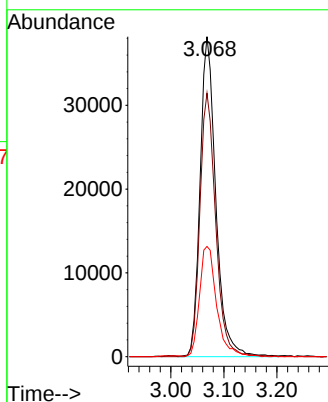
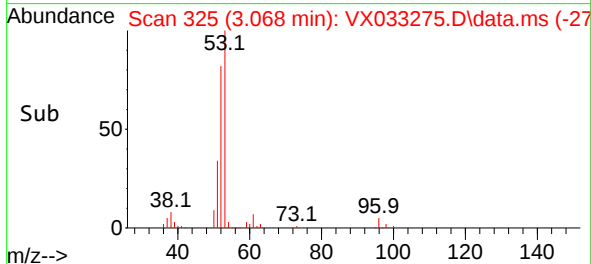
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



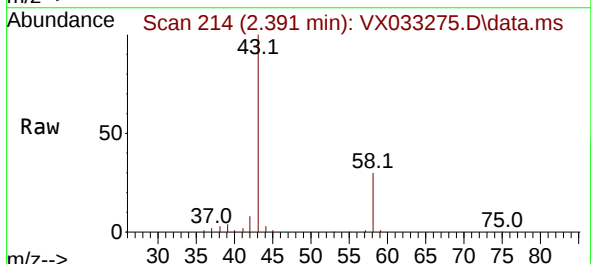
Tgt Ion: 53 Resp: 7890
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.0
51 37.5 30.3 45.5

Manual Integrations
APPROVED

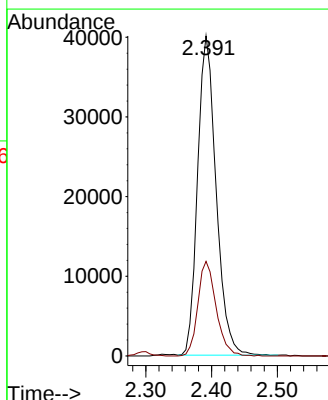
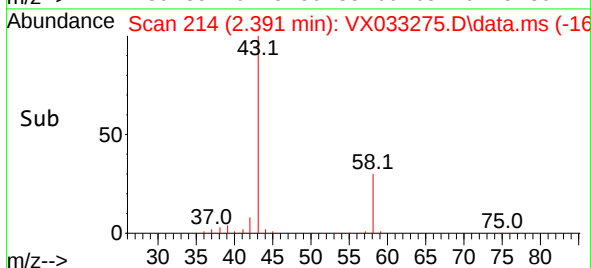
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

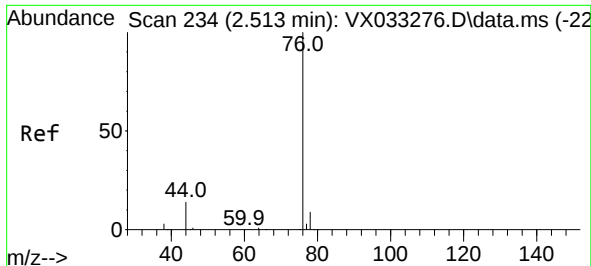


#16
Acetone
Concen: 116.594 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.011 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



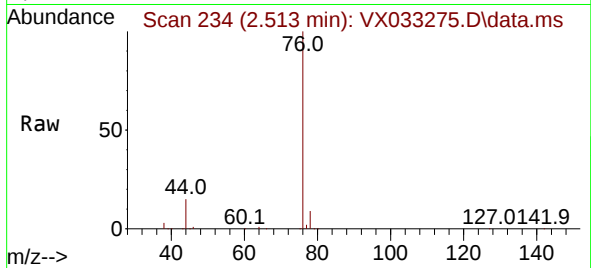
Tgt Ion: 43 Resp: 78227
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8





#17
Carbon Disulfide
Concen: 21.356 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

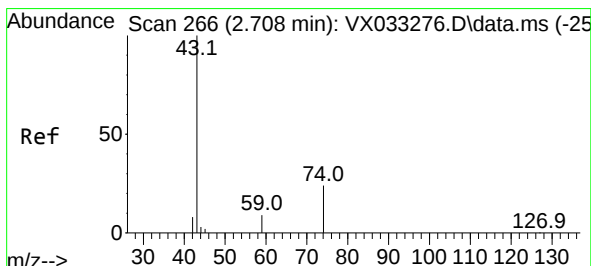
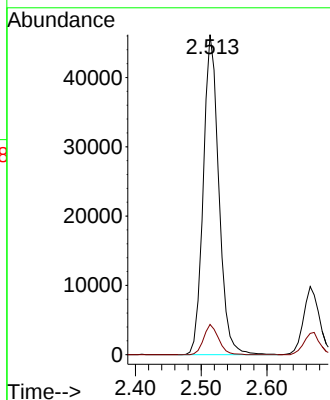
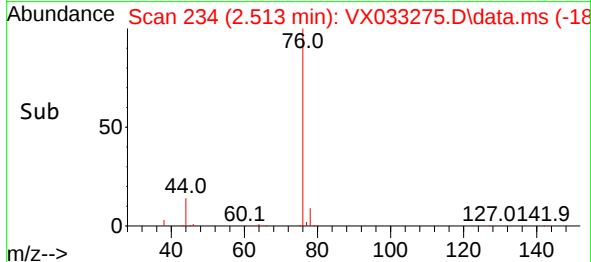
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 75958
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

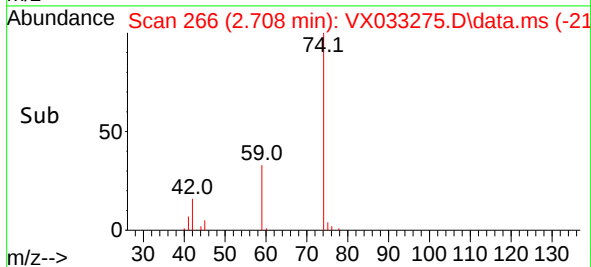
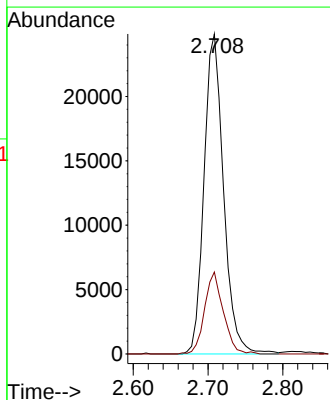
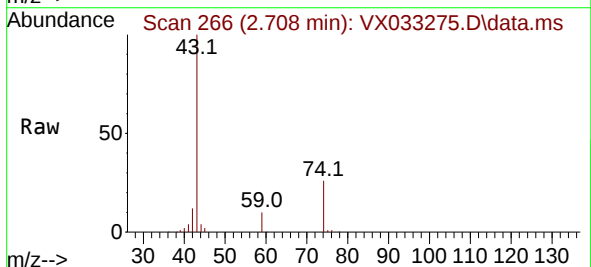
Manual Integrations
APPROVED

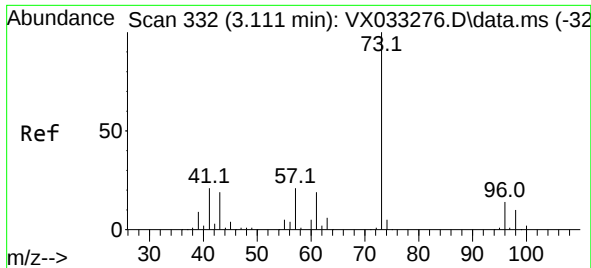
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl Acetate
Concen: 24.243 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.005 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 43 Resp: 45026
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.0





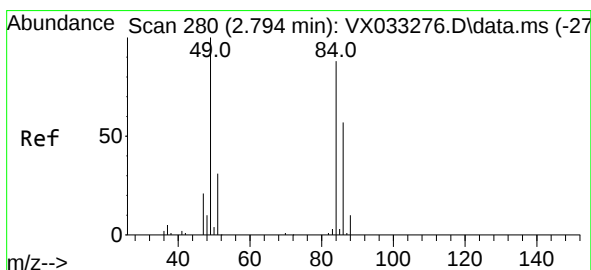
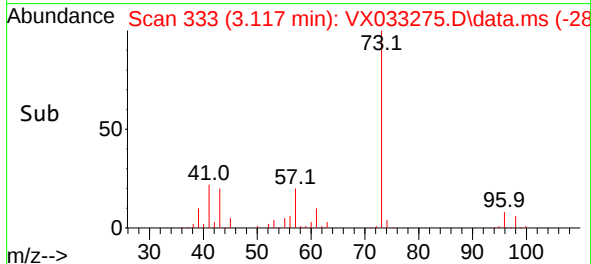
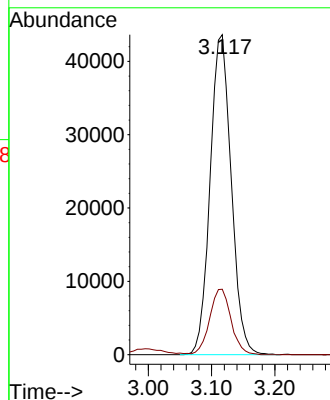
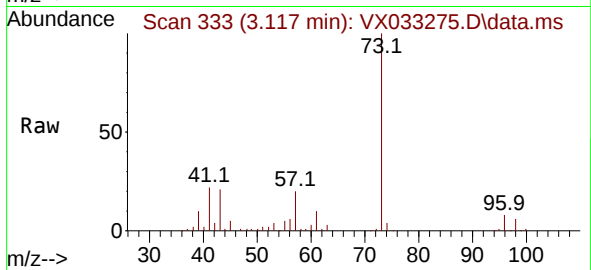
#19
Methyl tert-butyl Ether
Concen: 22.619 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 100985
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

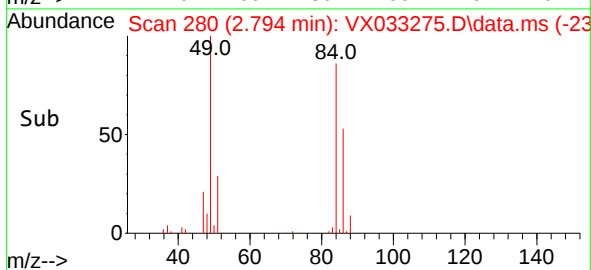
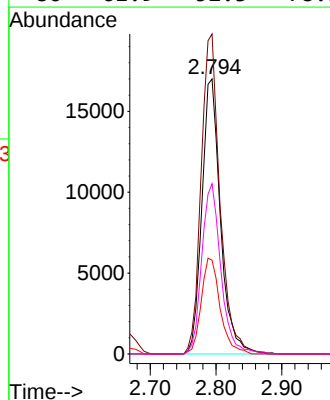
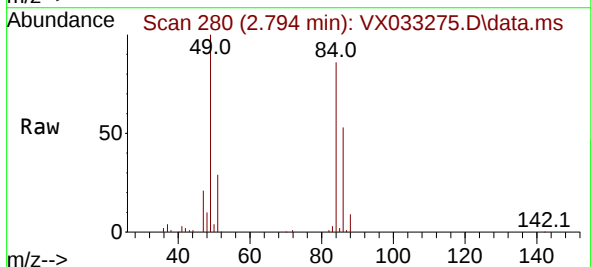
Manual Integrations
APPROVED

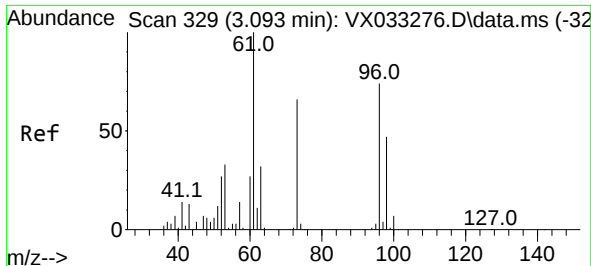
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 20.670 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

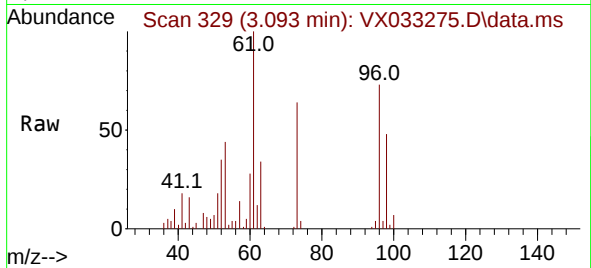
Tgt Ion: 84 Resp: 33410
Ion Ratio Lower Upper
84 100
49 116.4 101.0 151.6
51 34.1 31.1 46.7
86 61.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 21.939 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

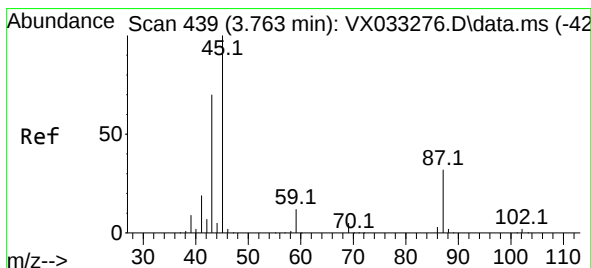
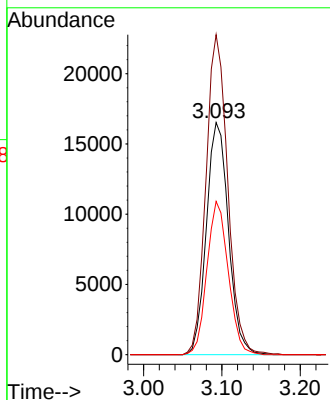
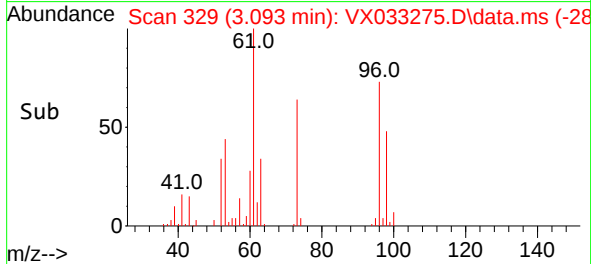
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



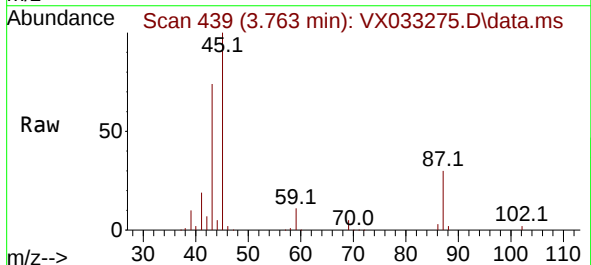
Tgt Ion: 96 Resp: 32308
Ion Ratio Lower Upper
96 100
61 137.9 106.6 160.0
98 66.0 51.0 76.6

Manual Integrations
APPROVED

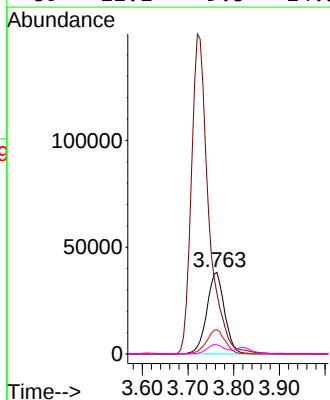
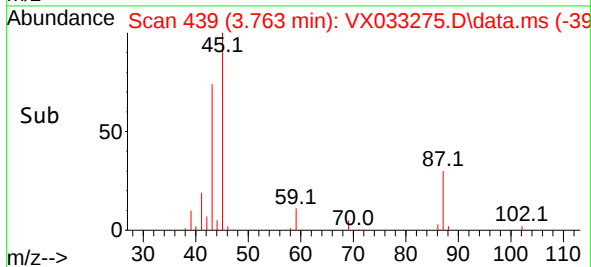
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

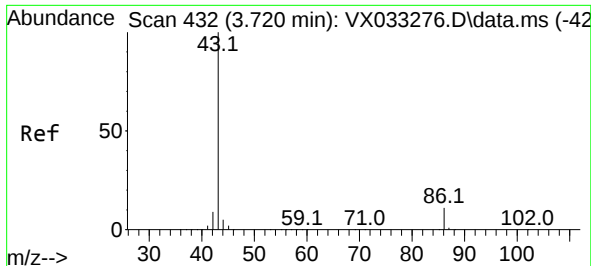


#22
Diisopropyl ether
Concen: 22.725 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



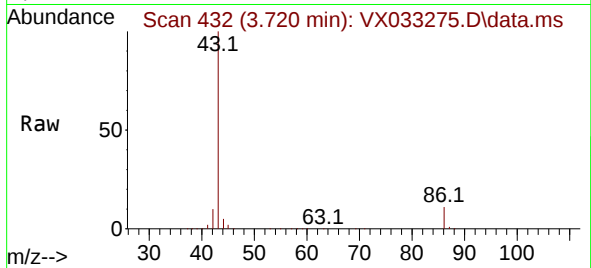
Tgt Ion: 45 Resp: 102846
Ion Ratio Lower Upper
45 100
43 73.6 56.4 84.6
87 29.6 24.4 36.6
59 11.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 111.048 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX033275.D
 Acq: 07 Dec 2022 10:32

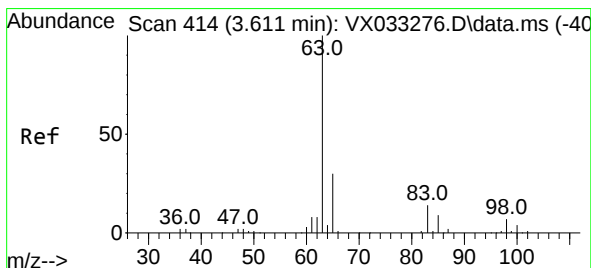
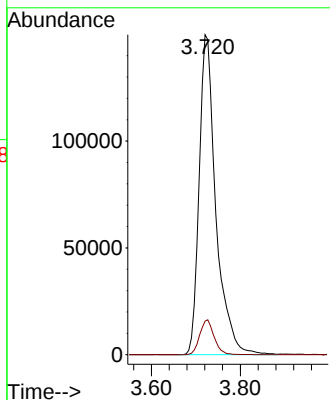
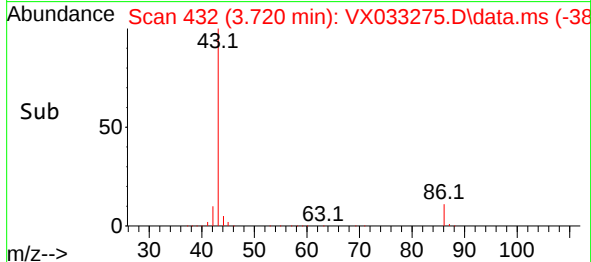
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



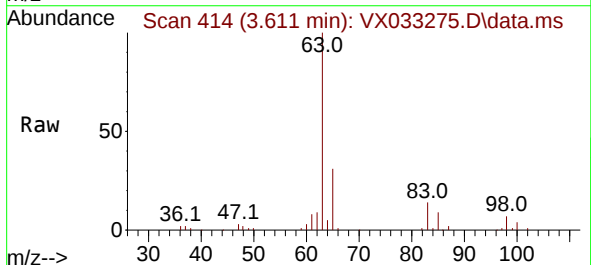
Tgt Ion: 43 Resp: 393390
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

Manual Integrations
 APPROVED

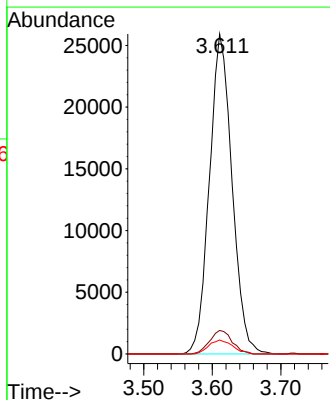
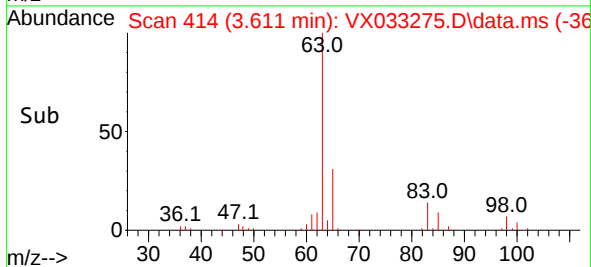
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

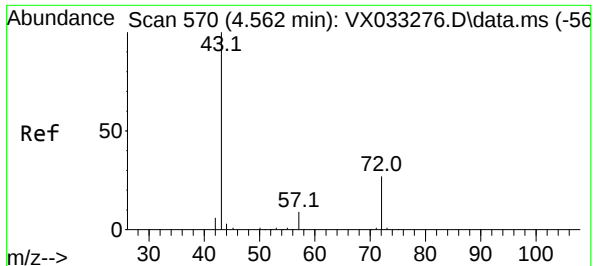


#24
 1,1-Dichloroethane
 Concen: 22.928 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033275.D
 Acq: 07 Dec 2022 10:32



Tgt Ion: 63 Resp: 59379
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 123.133 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 113918

Ion Ratio Lower Upper

43 100

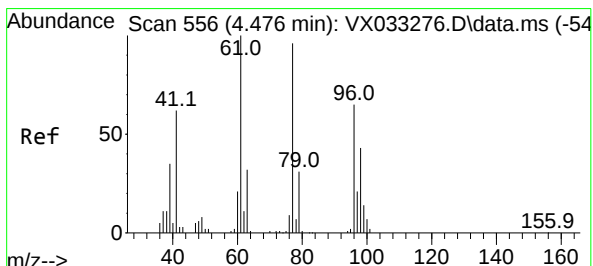
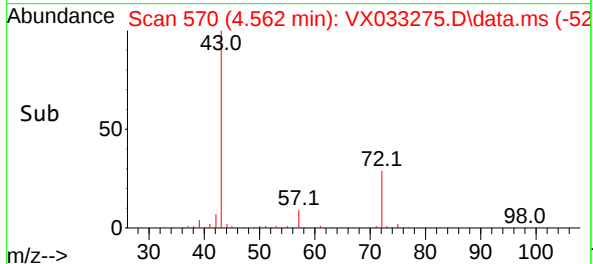
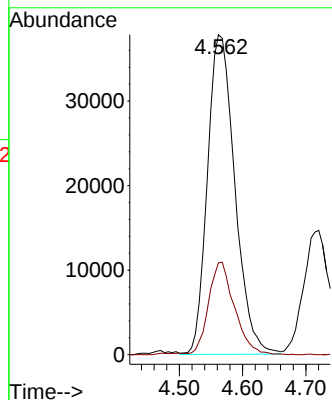
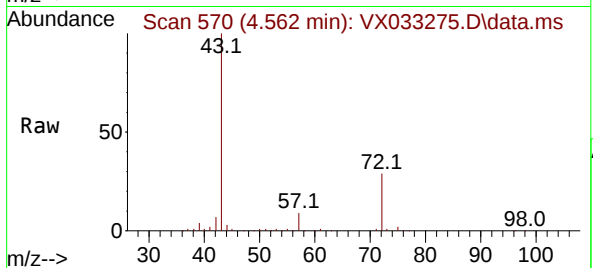
72 28.6 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#26

2,2-Dichloropropane

Concen: 21.089 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX033275.D

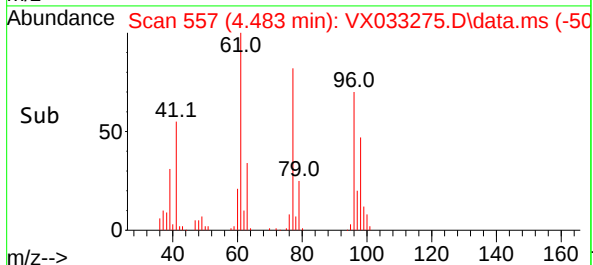
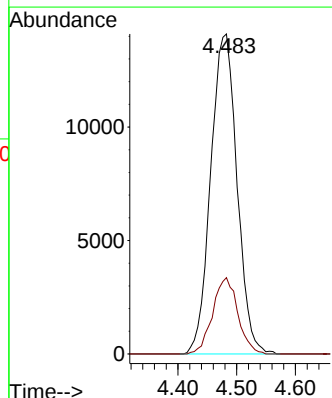
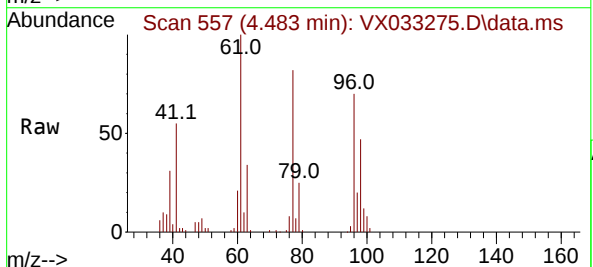
Acq: 07 Dec 2022 10:32

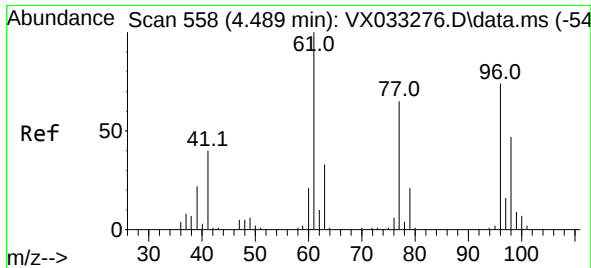
Tgt Ion: 77 Resp: 43915

Ion Ratio Lower Upper

77 100

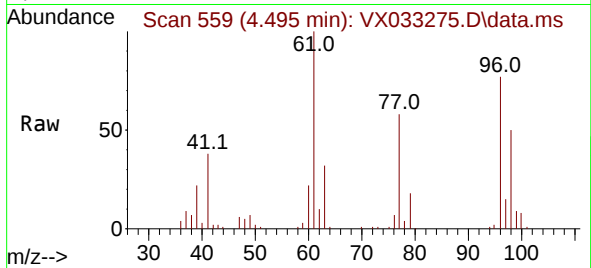
97 22.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 22.802 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX033275.D
 Acq: 07 Dec 2022 10:32

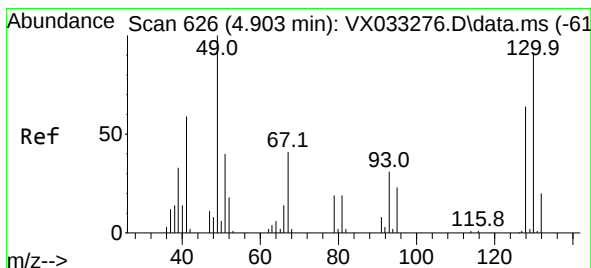
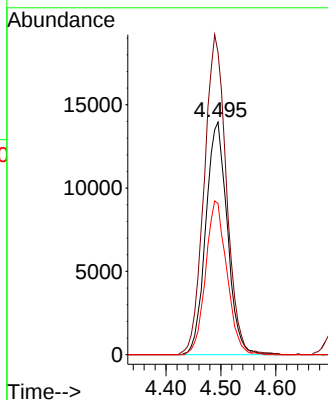
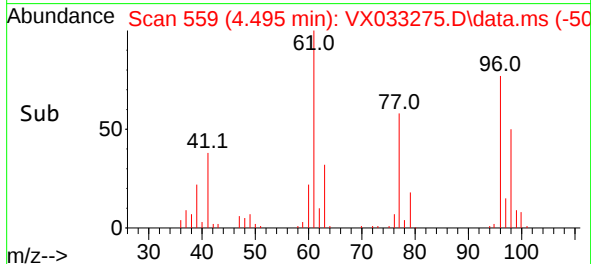
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



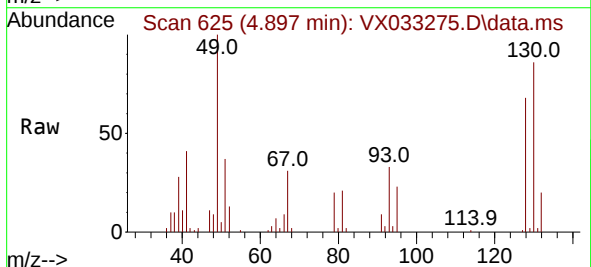
Tgt Ion: 96 Resp: 3815
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 286.0
 98 65.0 0.0 129.6

Manual Integrations
 APPROVED

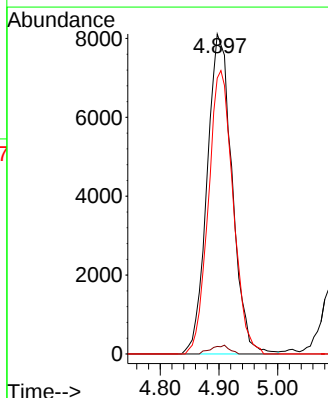
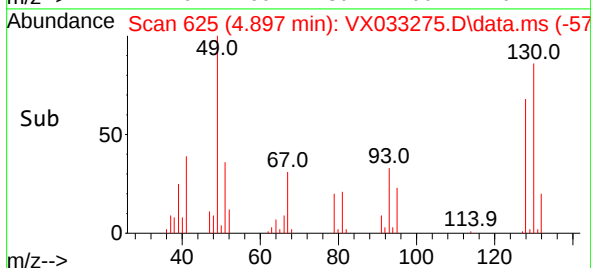
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

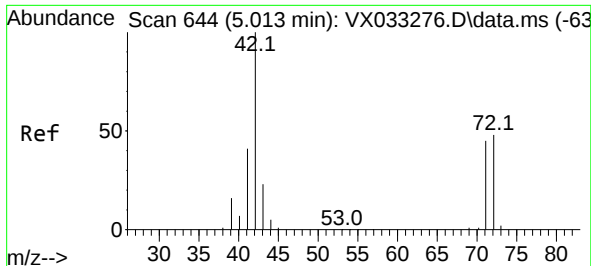


#28
 Bromochloromethane
 Concen: 21.092 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.007 min
 Lab File: VX033275.D
 Acq: 07 Dec 2022 10:32



Tgt Ion: 49 Resp: 24001
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 87.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 123.883 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

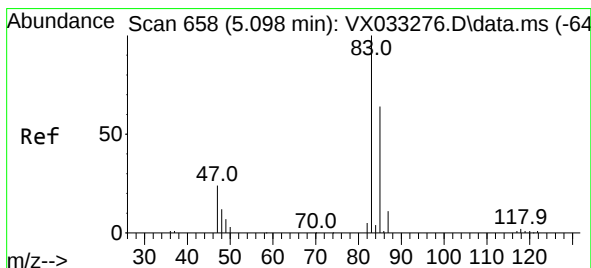
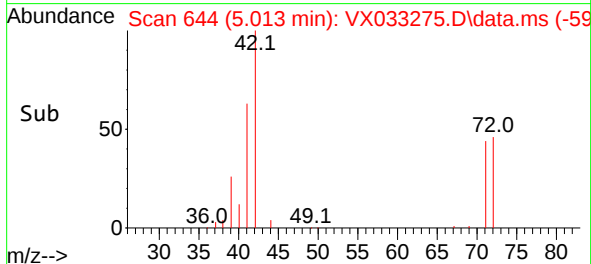
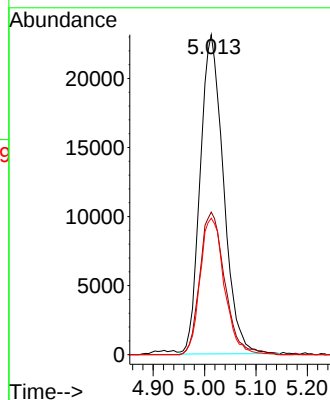
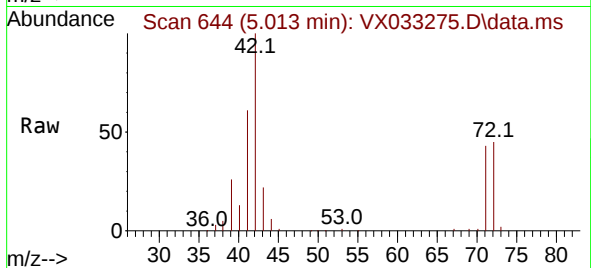
Tgt Ion:	42	Resp:	72720
Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.6	56.4
71	44.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

Chloroform

Concen: 22.953 ug/l

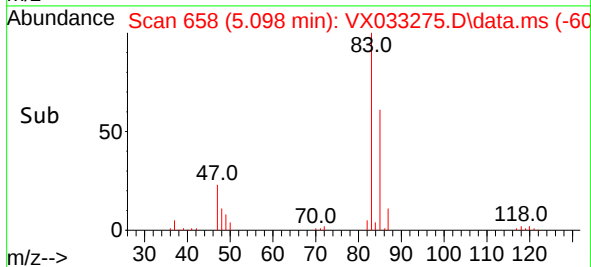
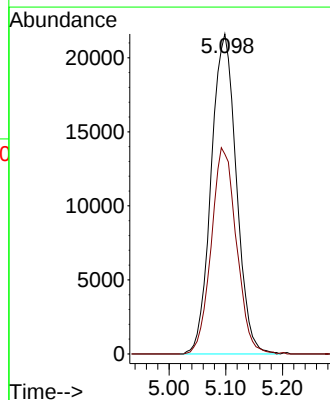
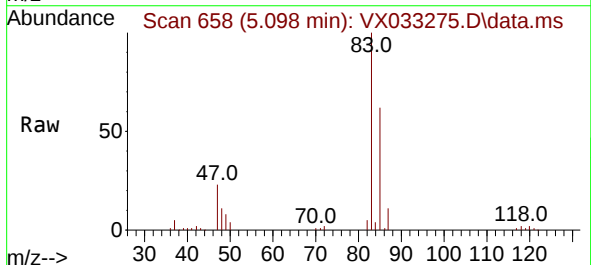
RT: 5.098 min Scan# 658

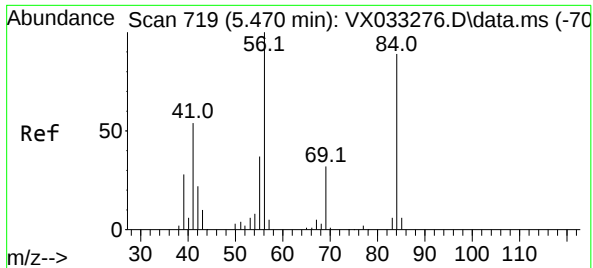
Delta R.T. -0.001 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Tgt Ion:	83	Resp:	66575
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.1	76.7





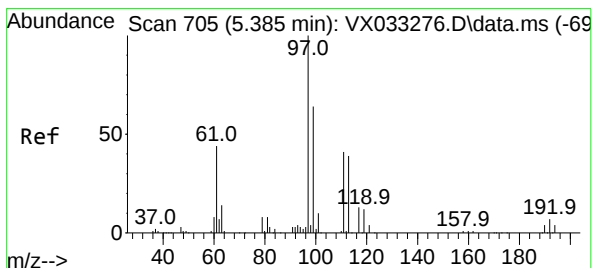
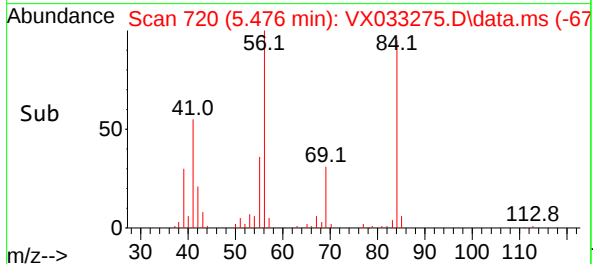
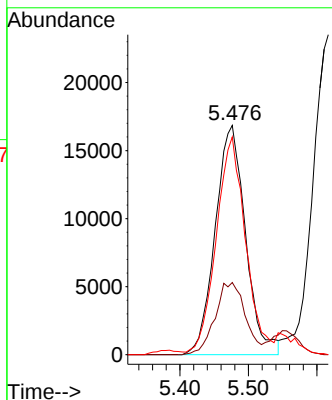
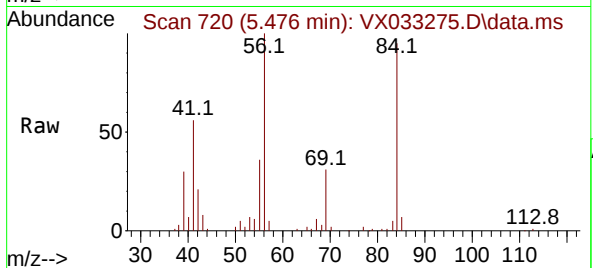
#31
Cyclohexane
Concen: 22.212 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 51704
Ion Ratio Lower Upper
56 100
69 31.4 24.1 36.1
84 93.6 66.9 100.3

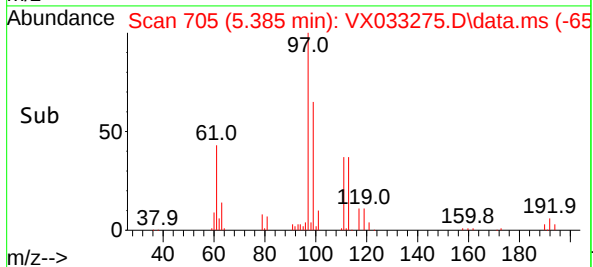
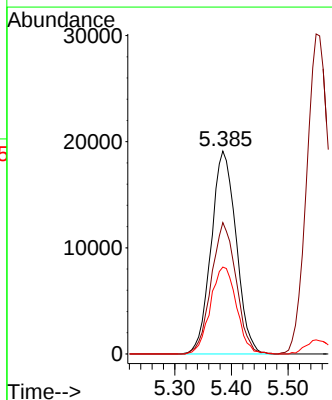
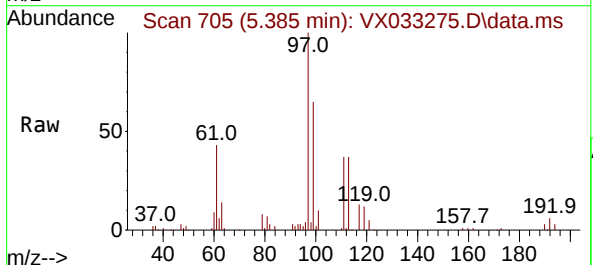
Manual Integrations
APPROVED

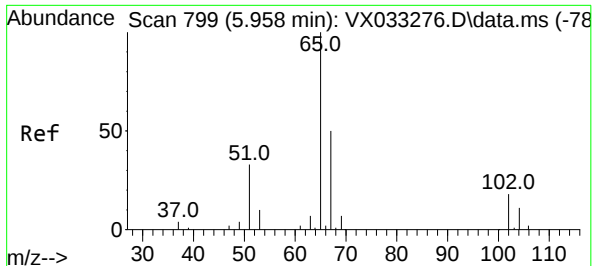
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#32
1,1,1-Trichloroethane
Concen: 22.482 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 97 Resp: 58398
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 12.031 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 19119

Ion Ratio Lower Upper

65 100

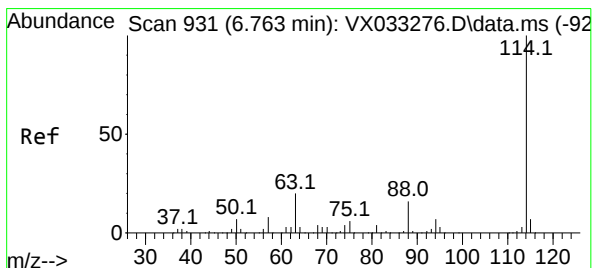
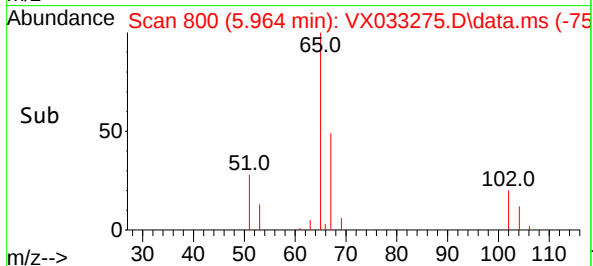
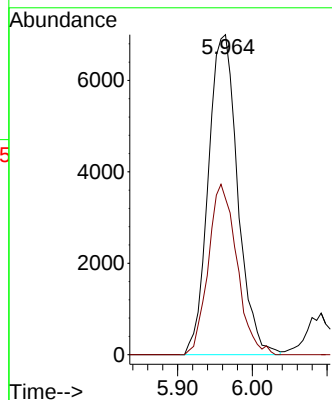
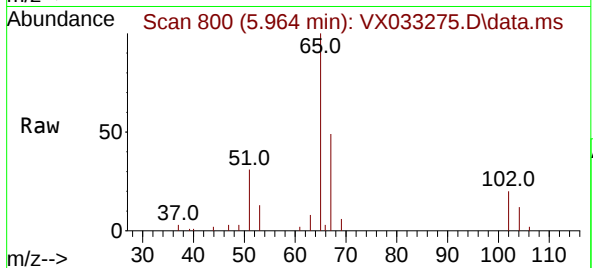
67 51.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

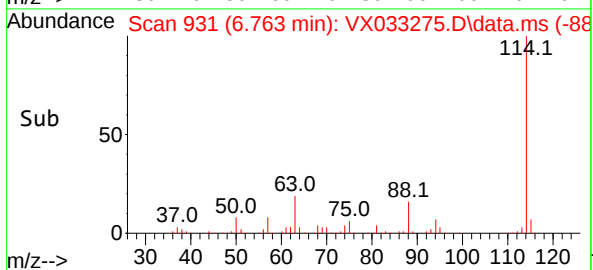
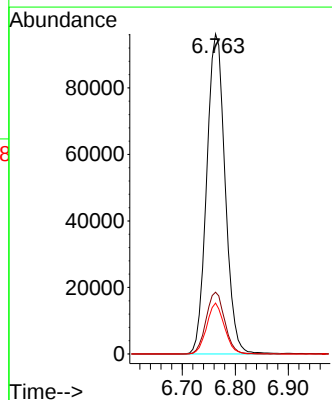
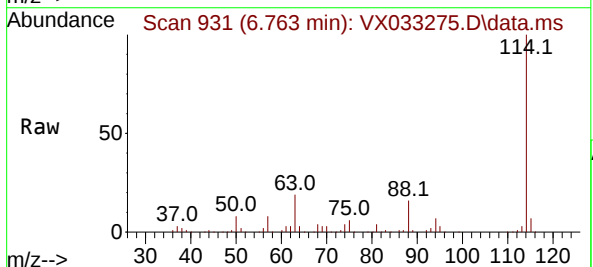
Tgt Ion:114 Resp: 231761

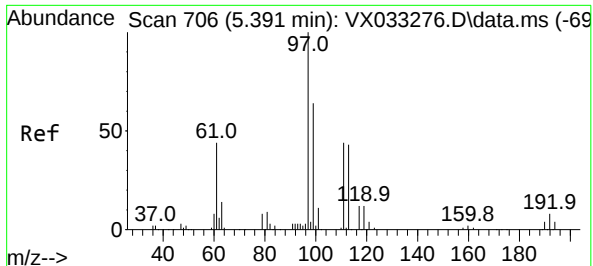
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 16.607 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX033275.D

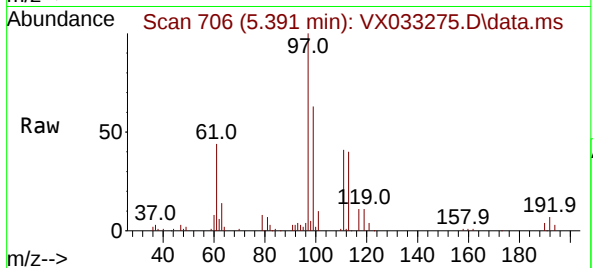
Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



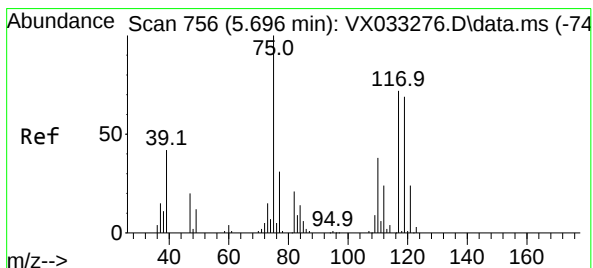
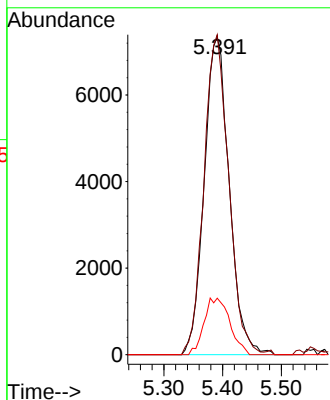
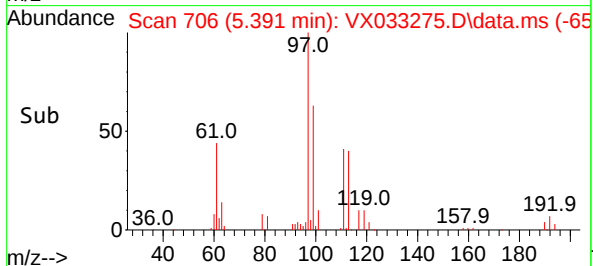
Tgt Ion:	113	Resp:	21699
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.4	123.6
192	18.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 22.181 ug/l

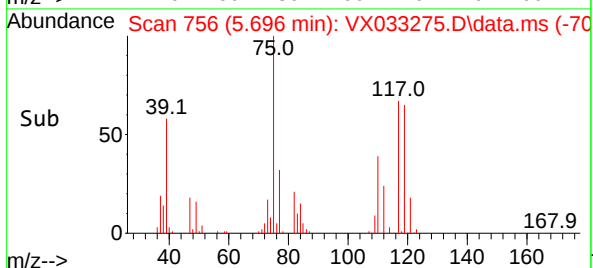
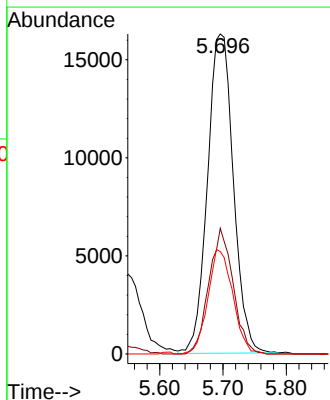
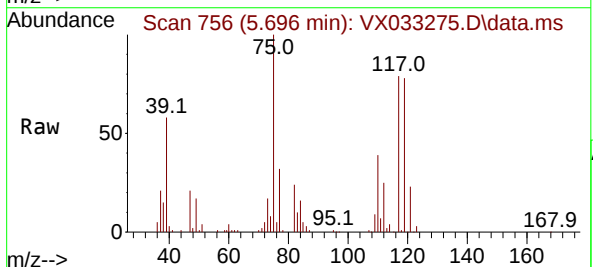
RT: 5.696 min Scan# 756

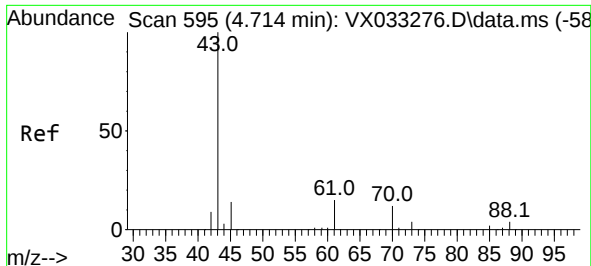
Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Tgt Ion:	75	Resp:	46341
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.4	55.2
77	31.5	24.5	36.7





#37

Ethyl Acetate

Concen: 24.342 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.005 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

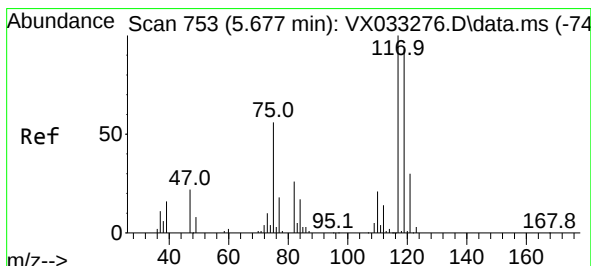
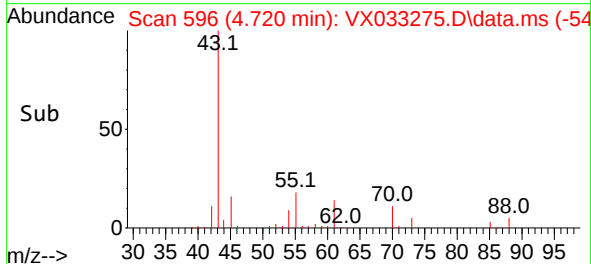
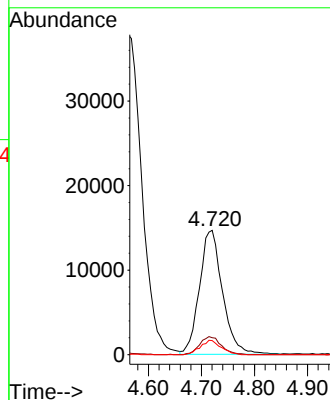
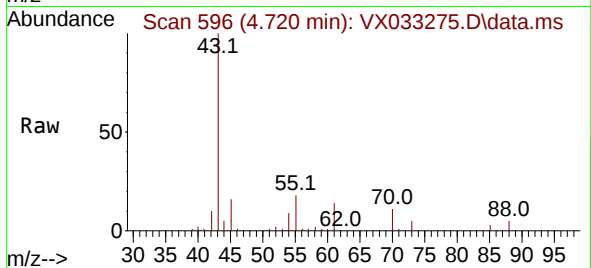
Tgt Ion:	43	Resp:	4436
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.3	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#38

Carbon Tetrachloride

Concen: 22.637 ug/l

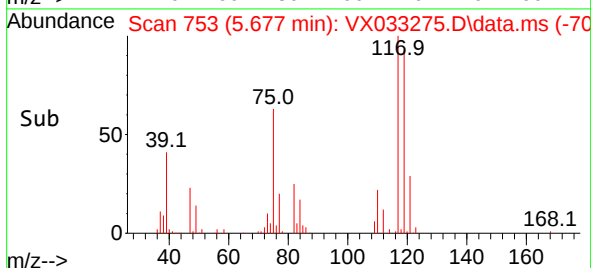
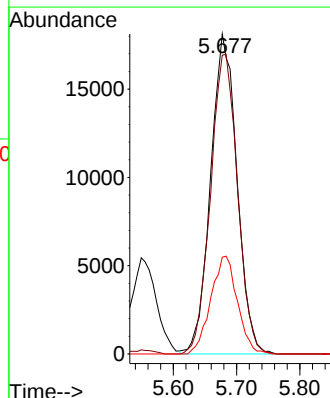
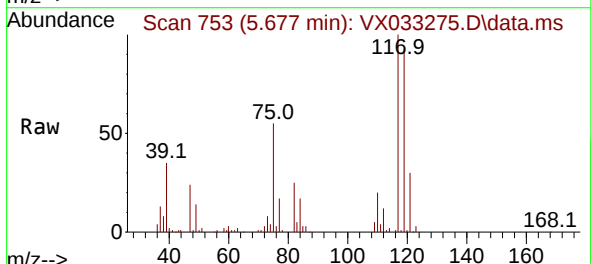
RT: 5.677 min Scan# 753

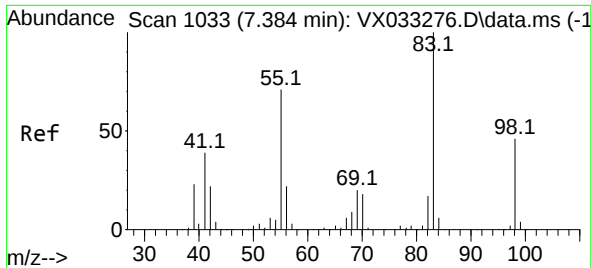
Delta R.T. -0.007 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Tgt Ion:	117	Resp:	52464
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.2	115.8
121	30.3	25.8	38.6





#39
Methylcyclohexane
Concen: 22.317 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

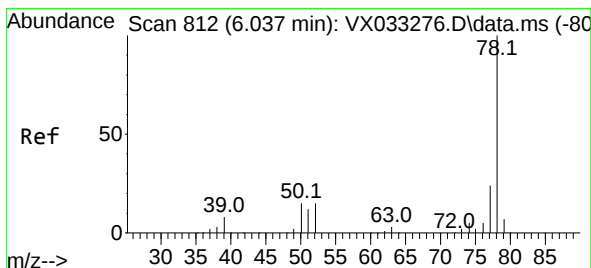
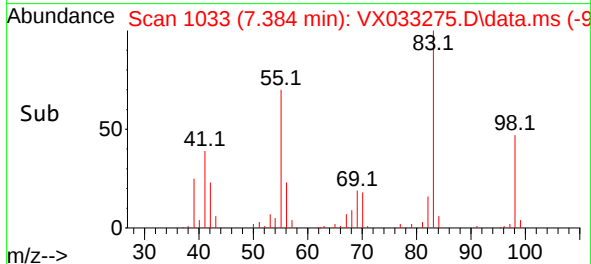
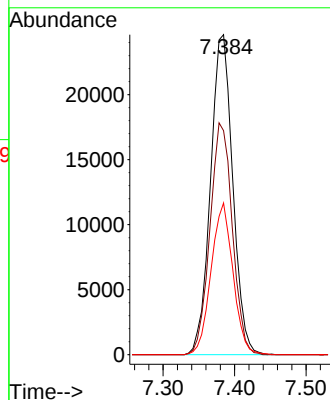
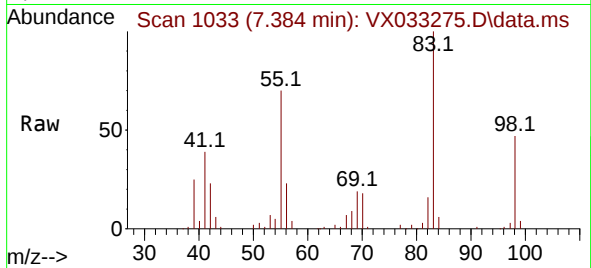
VSTDICC020

Tgt Ion: 83 Resp: 53198
Ion Ratio Lower Upper
83 100
55 70.0 58.4 87.6
98 47.4 37.2 55.8

Manual Integrations

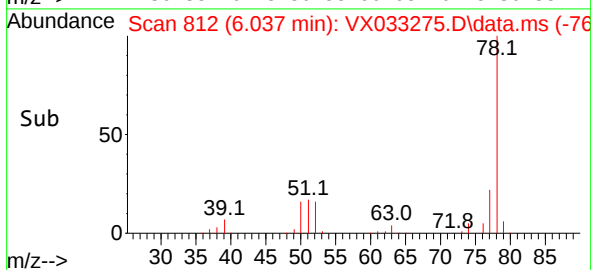
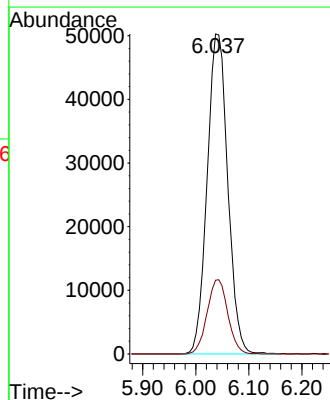
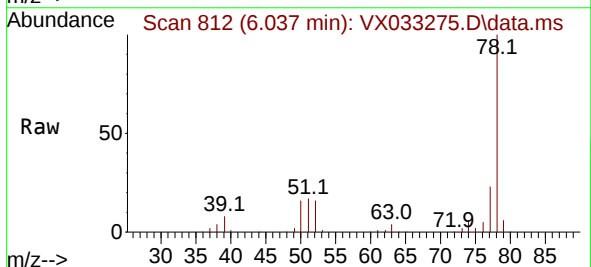
APPROVED

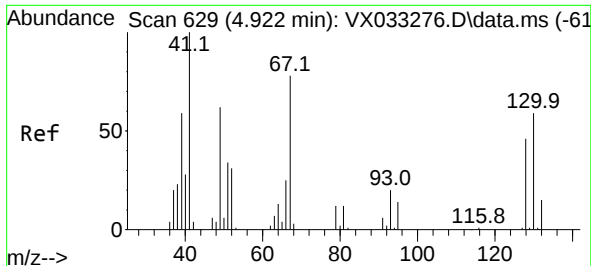
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#40
Benzene
Concen: 23.165 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 78 Resp: 135692
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





#41
Methacrylonitrile
Concen: 24.191 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

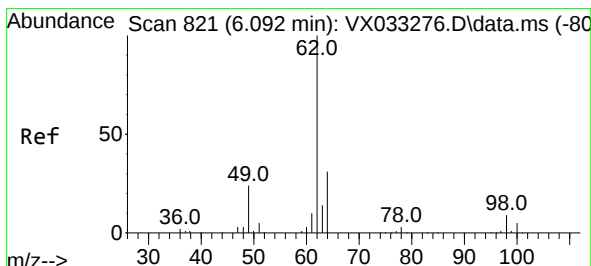
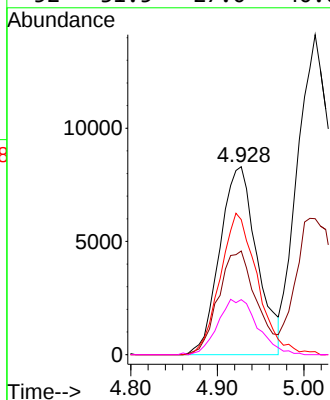
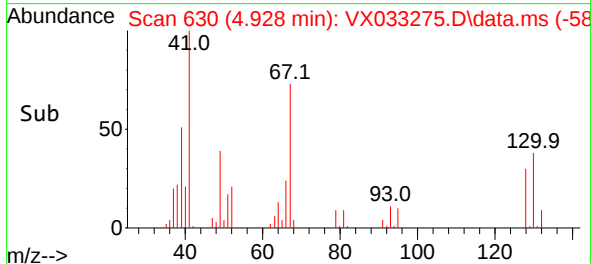
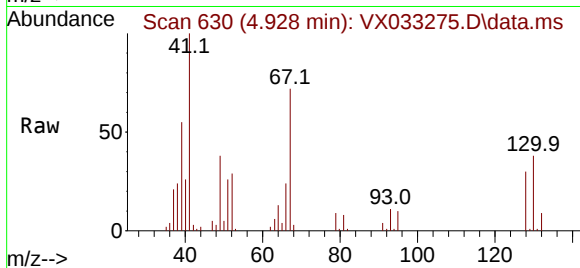
Tgt Ion: 41 Resp: 24810
Ion Ratio Lower Upper
41 100
39 56.4 47.5 71.3
67 75.3 60.5 90.7
52 31.5 27.0 40.6

Manual Integrations

APPROVED

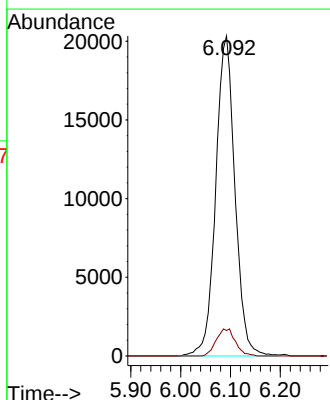
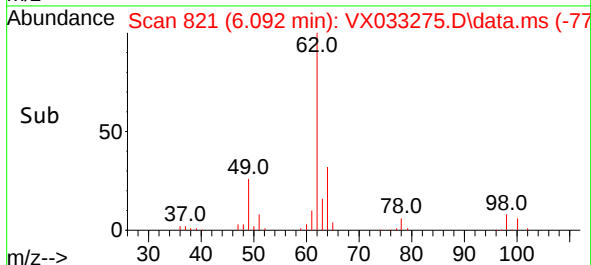
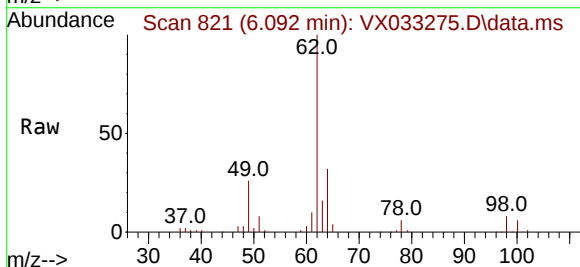
Reviewed By :John Carlone 12/08/2022

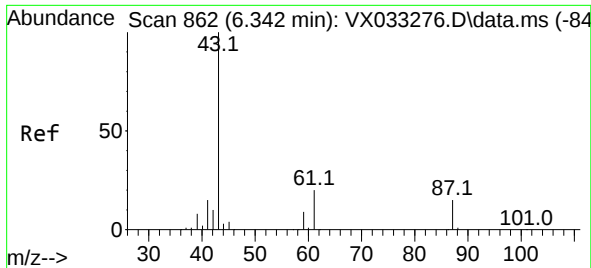
Supervised By :Mahesh Dadoda 12/08/2022



#42
1,2-Dichloroethane
Concen: 23.029 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

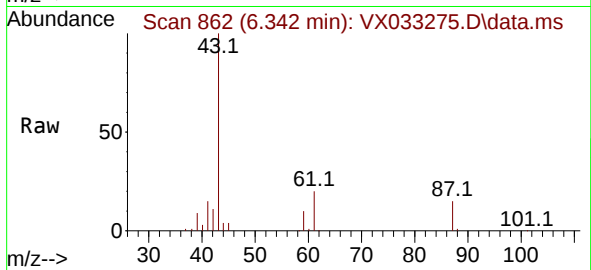
Tgt Ion: 62 Resp: 54314
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 23.091 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

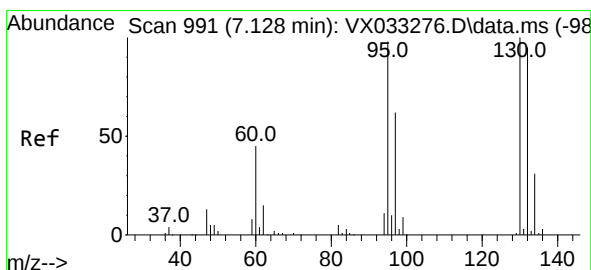
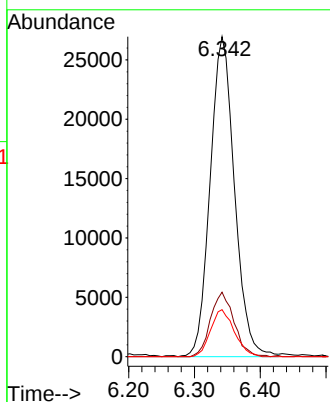
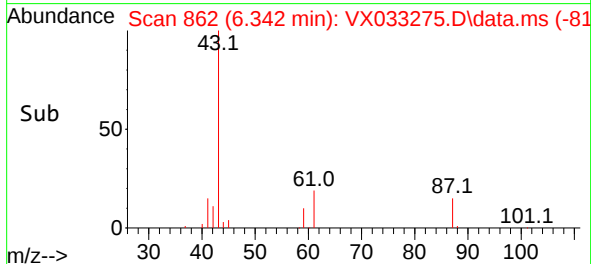
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 69604
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 14.3 10.8 16.2

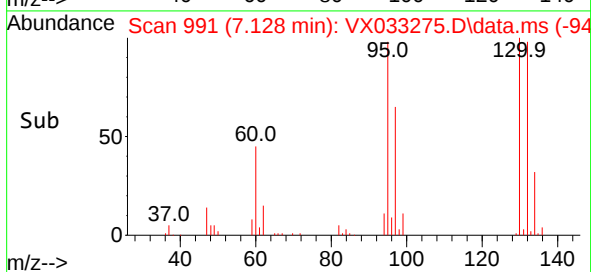
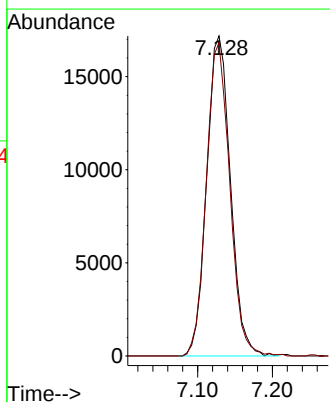
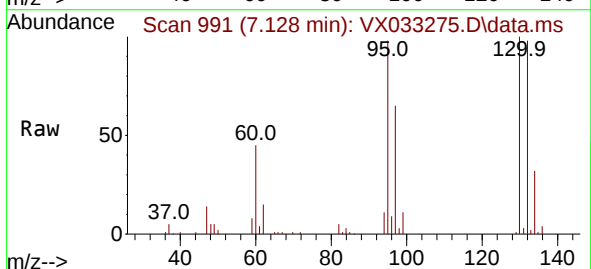
Manual Integrations
APPROVED

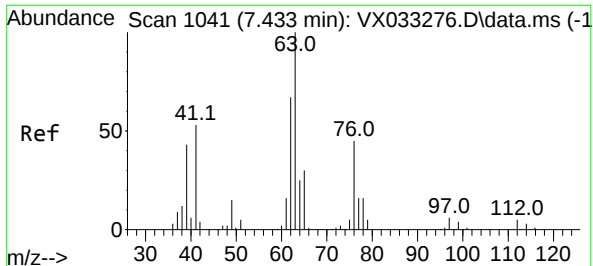
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#44
Trichloroethene
Concen: 23.116 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion:130 Resp: 37995
Ion Ratio Lower Upper
130 100
95 97.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 23.772 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3441

Ion Ratio Lower Upper

63 100

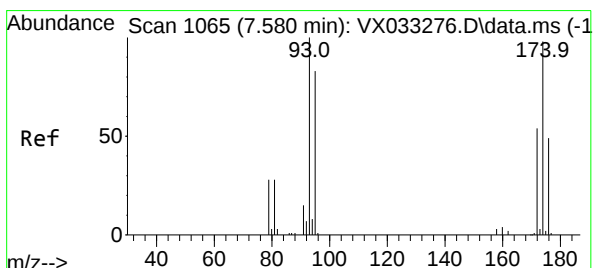
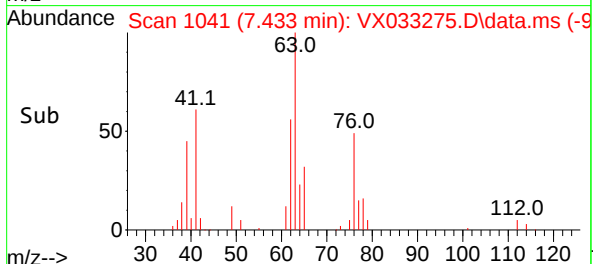
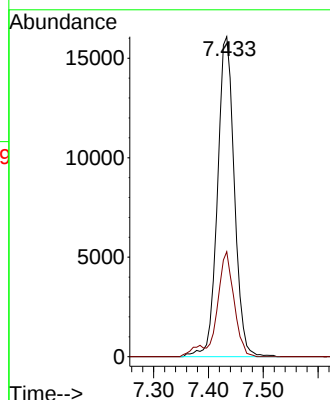
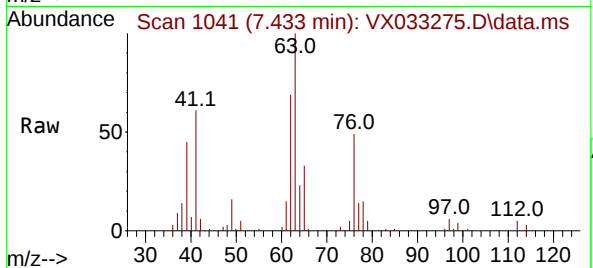
65 32.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 23.049 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

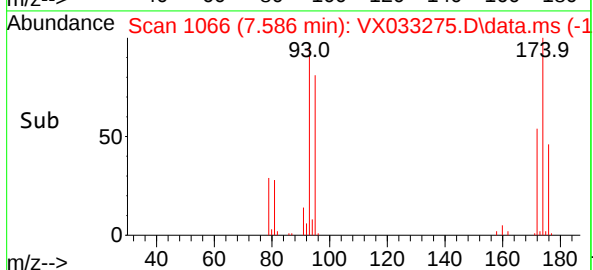
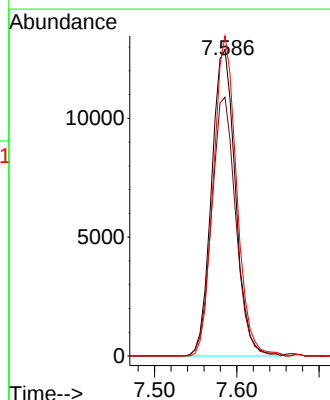
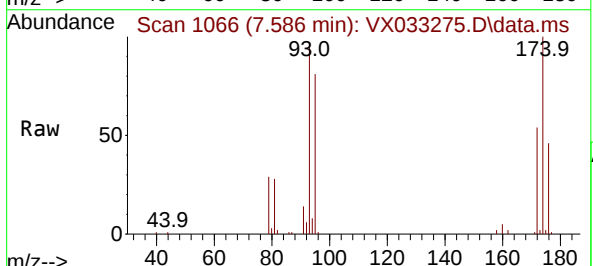
Tgt Ion: 93 Resp: 26034

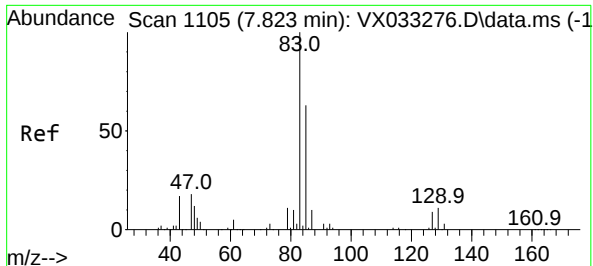
Ion Ratio Lower Upper

93 100

95 85.2 65.8 98.8

174 101.4 79.8 119.6





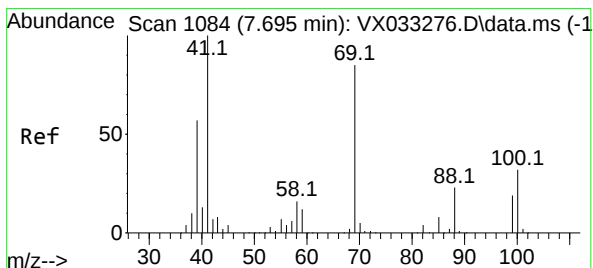
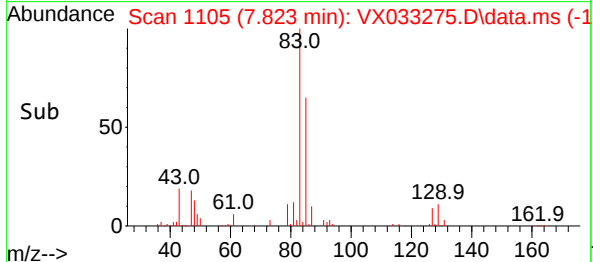
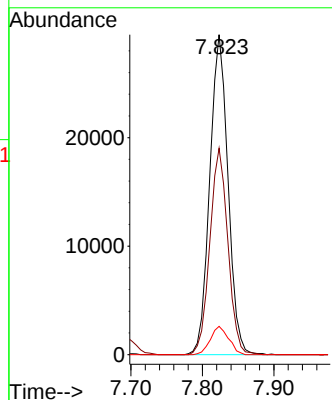
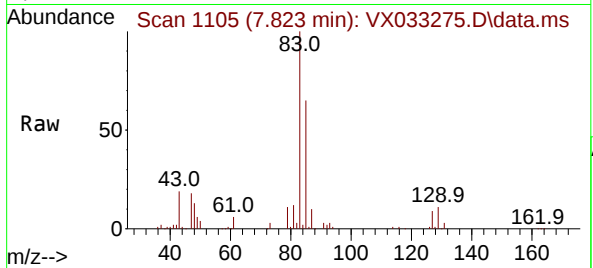
#47
Bromodichloromethane
Concen: 23.881 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5212
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.9 7.4 11.2

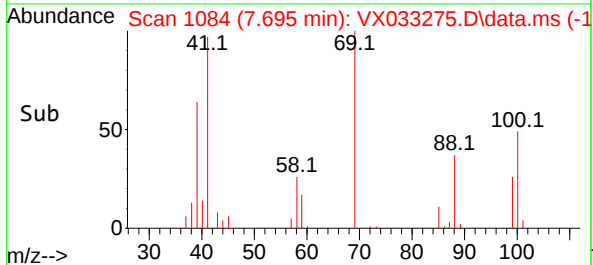
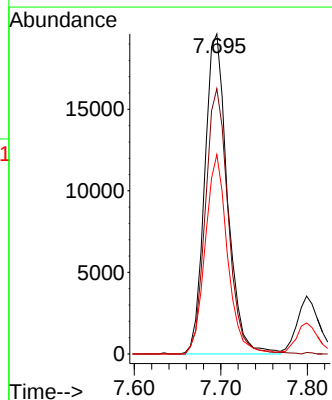
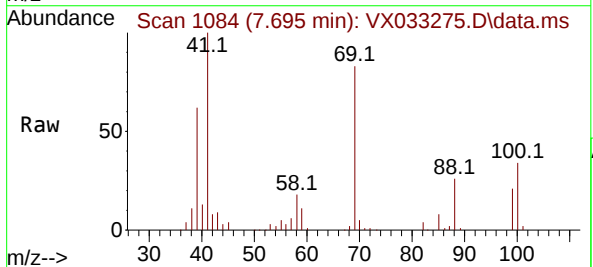
Manual Integrations
APPROVED

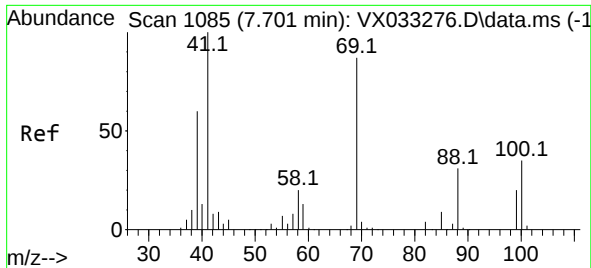
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#48
Methyl methacrylate
Concen: 23.071 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

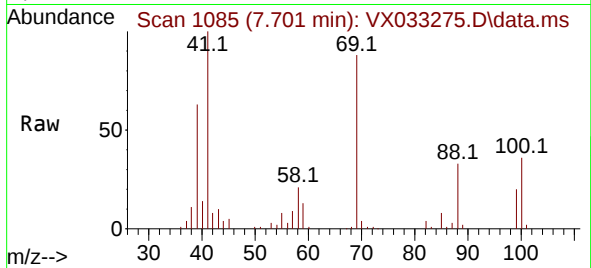
Tgt Ion: 41 Resp: 35797
Ion Ratio Lower Upper
41 100
69 83.0 65.1 97.7
39 61.1 51.9 77.9





#49
1,4-Dioxane
Concen: 594.851 ug/l
RT: 7.701 min Scan# 1085
Delta R.T. 0.030 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

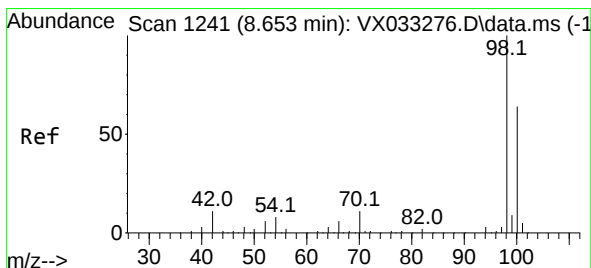
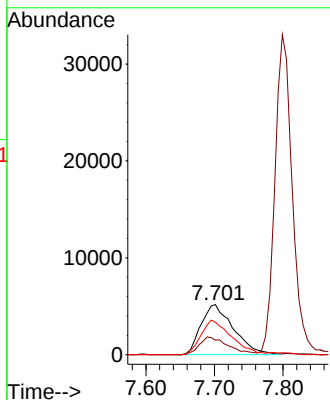
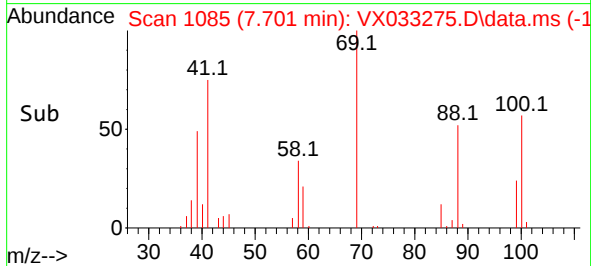
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 16990
Ion Ratio Lower Upper
88 100
43 31.6 26.6 39.8
58 64.5 51.7 77.5

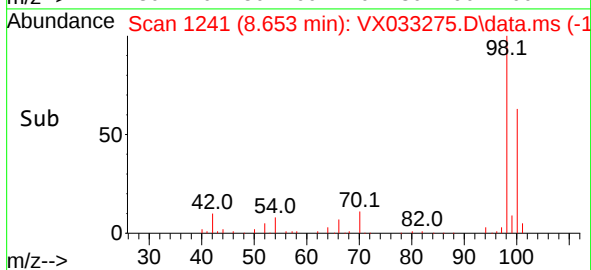
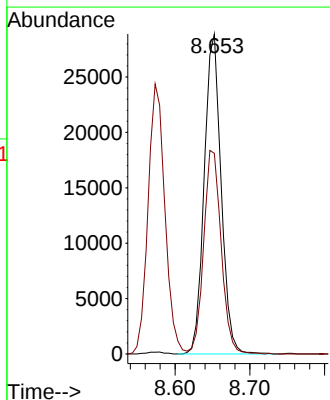
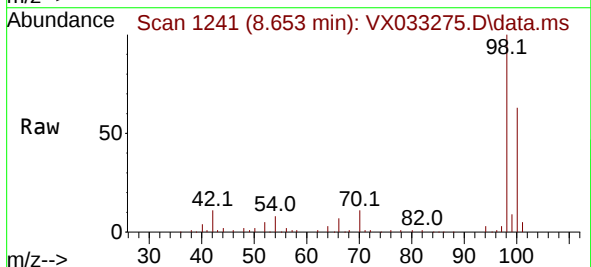
Manual Integrations
APPROVED

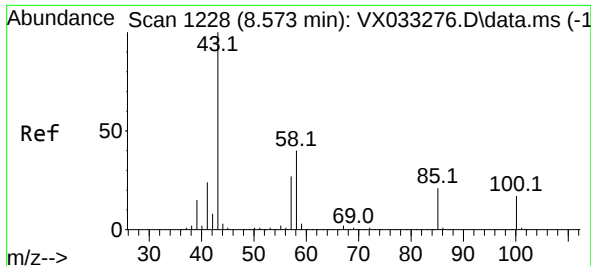
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#50
Toluene-d8
Concen: 10.662 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 98 Resp: 45228
Ion Ratio Lower Upper
98 100
100 65.9 50.9 76.3





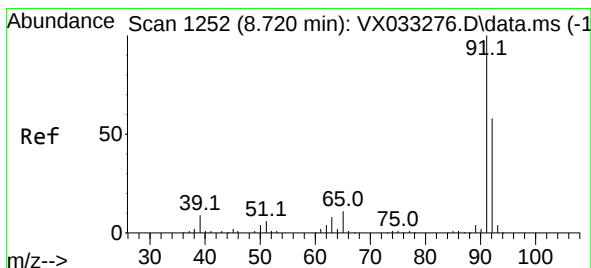
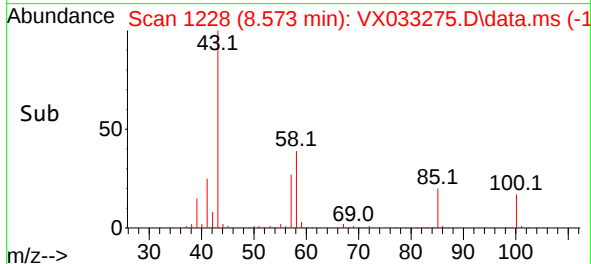
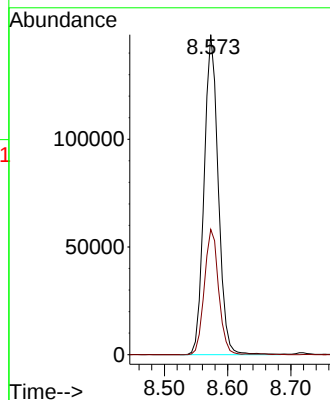
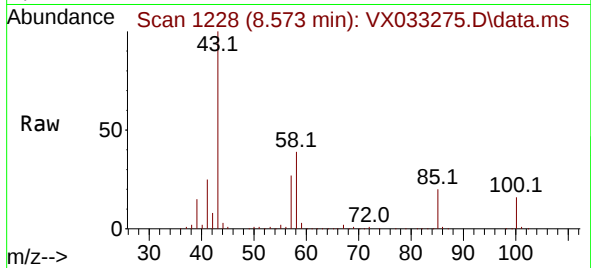
#51
4-Methyl-2-Pentanone
Concen: 124.317 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 23123
Ion Ratio Lower Upper
43 100
58 39.5 30.9 46.3

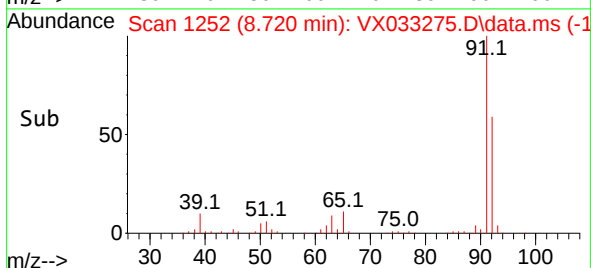
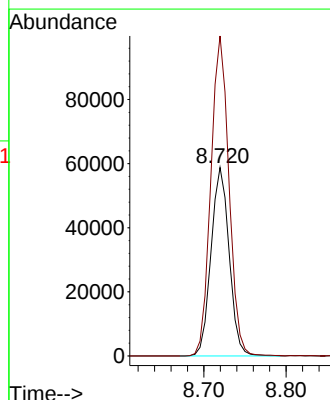
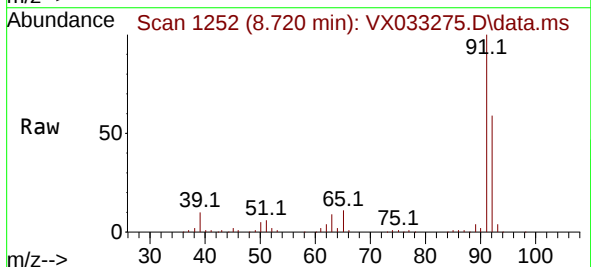
Manual Integrations
APPROVED

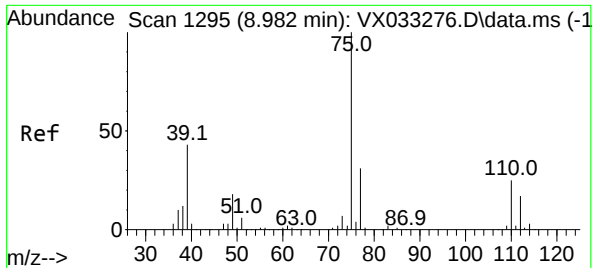
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 23.340 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion: 92 Resp: 89946
Ion Ratio Lower Upper
92 100
91 169.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 22.777 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 4879

Ion Ratio Lower Upper

75 100

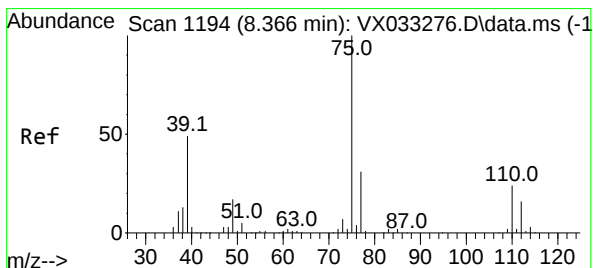
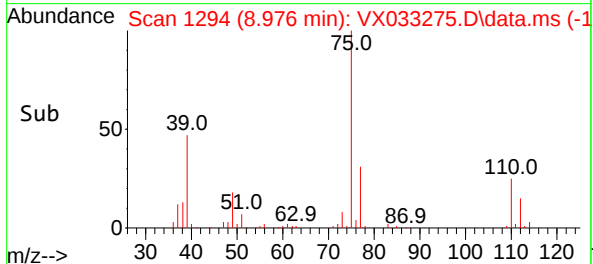
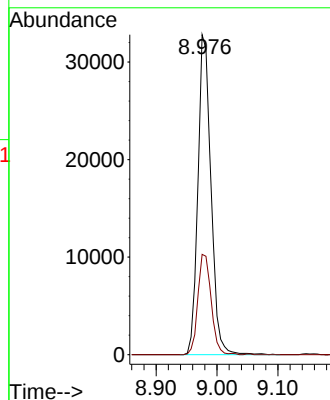
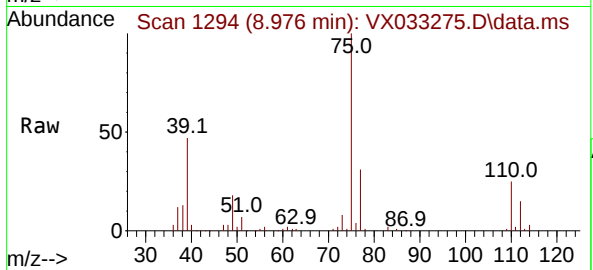
77 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#54

cis-1,3-Dichloropropene

Concen: 22.847 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

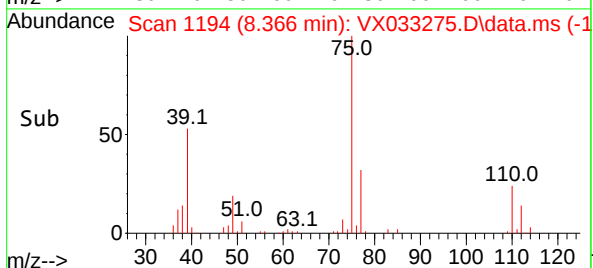
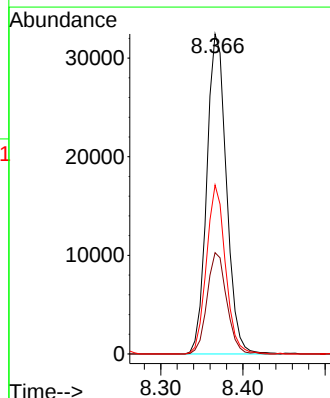
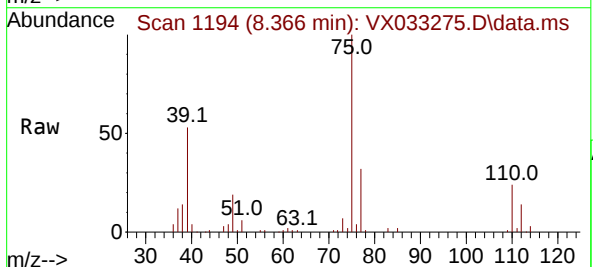
Tgt Ion: 75 Resp: 53756

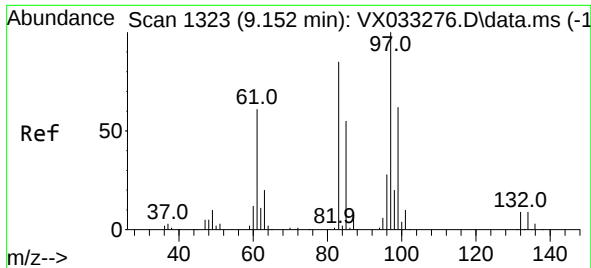
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 52.8 45.5 68.3





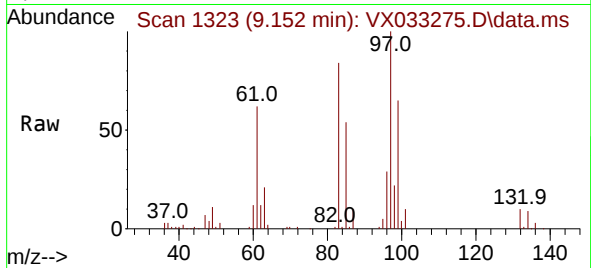
#55
1,1,2-Trichloroethane
Concen: 22.885 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



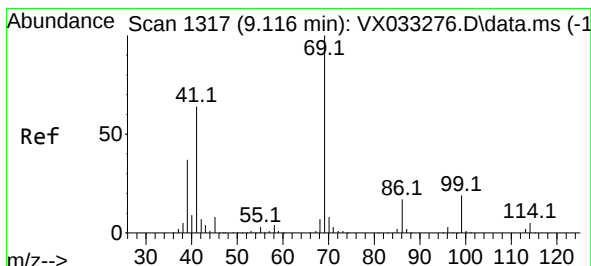
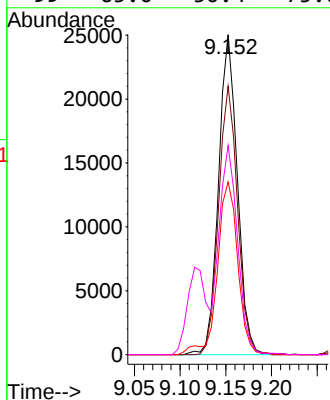
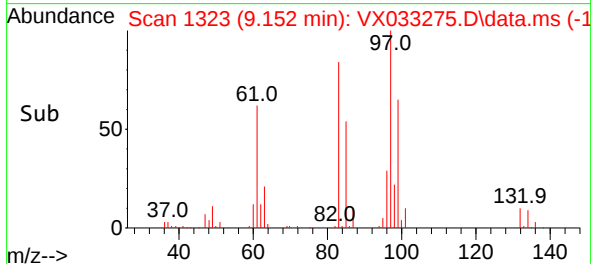
Tgt Ion:	97	Resp:	35900
Ion Ratio	Lower	Upper	
97	100		
83	83.9	68.1	102.1
85	54.0	43.3	64.9
99	65.0	50.4	75.6

Manual Integrations

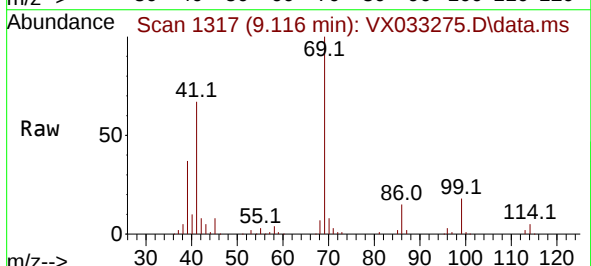
APPROVED

Reviewed By :John Carlone 12/08/2022

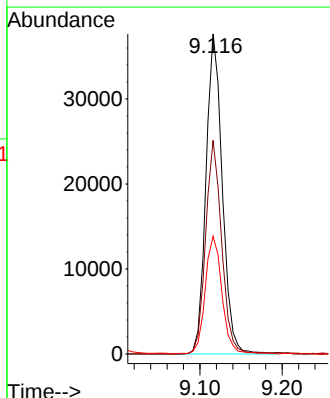
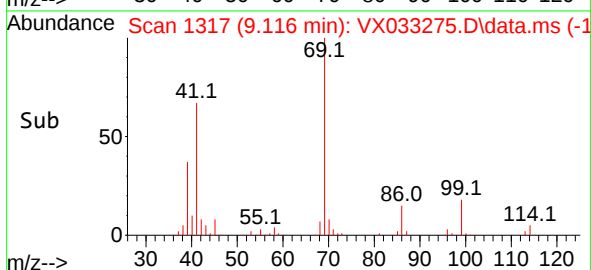
Supervised By :Mahesh Dadoda 12/08/2022

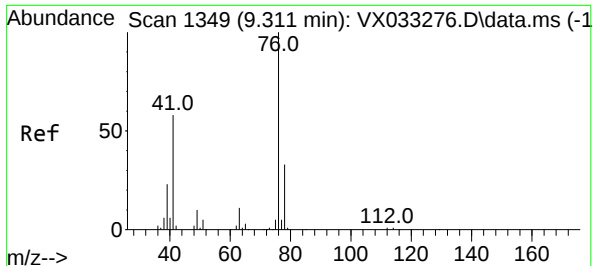


#56
Ethyl methacrylate
Concen: 23.997 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



Tgt Ion:	69	Resp:	51875
Ion Ratio	Lower	Upper	
69	100		
41	65.8	54.3	81.5
39	38.0	35.2	52.8





#57

1,3-Dichloropropane

Concen: 23.336 ug/l

RT: 9.311 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 59108

Ion Ratio Lower Upper

76 100

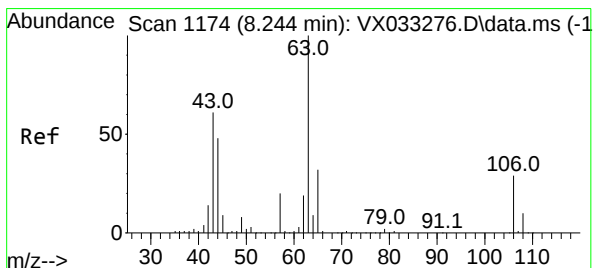
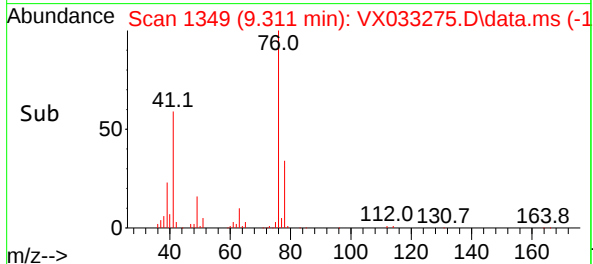
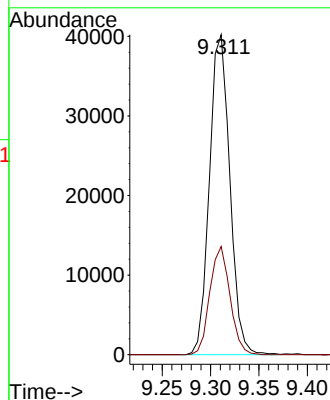
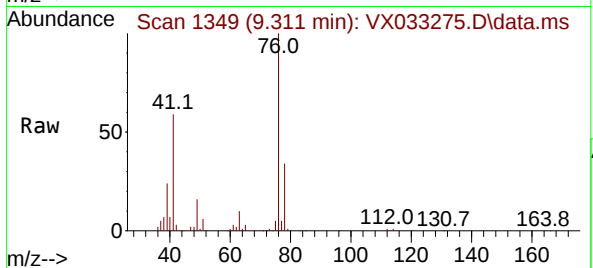
78 33.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.398 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033275.D

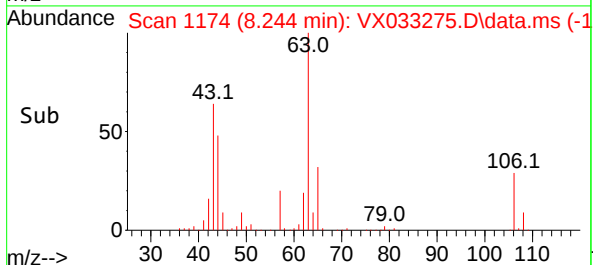
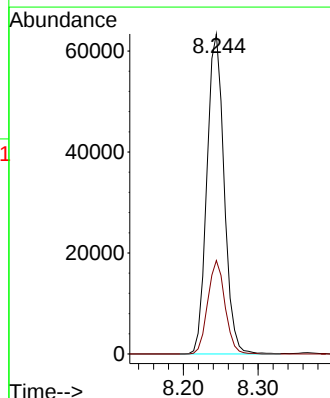
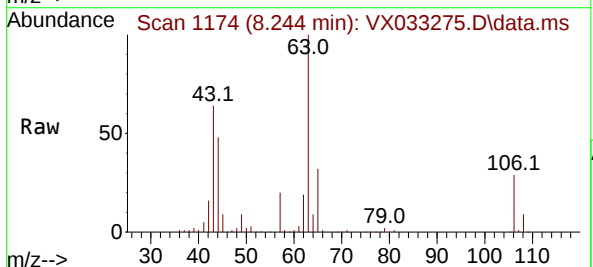
Acq: 07 Dec 2022 10:32

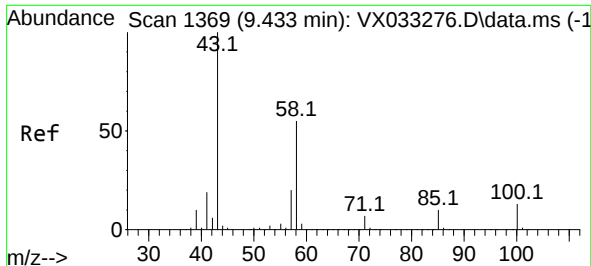
Tgt Ion: 63 Resp: 101008

Ion Ratio Lower Upper

63 100

106 29.2 23.3 34.9





#59

2-Hexanone

Concen: 126.425 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 17371

Ion Ratio Lower Upper

43 100

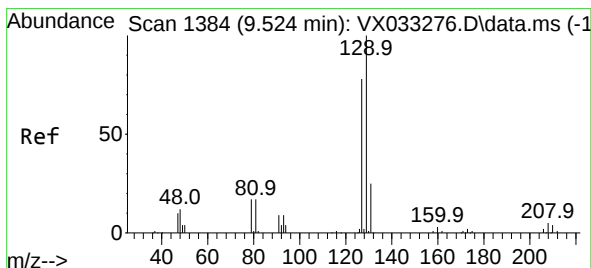
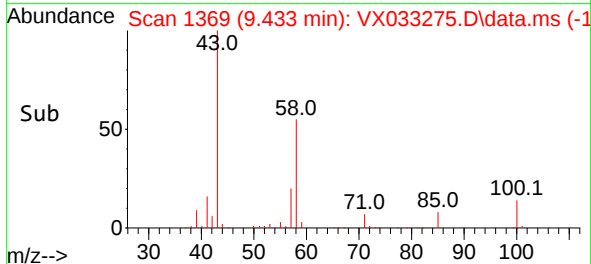
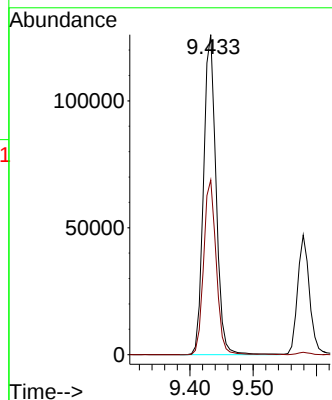
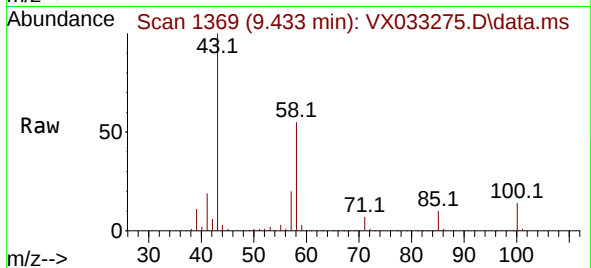
58 54.5 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#60

Dibromochloromethane

Concen: 24.066 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.001 min

Lab File: VX033275.D

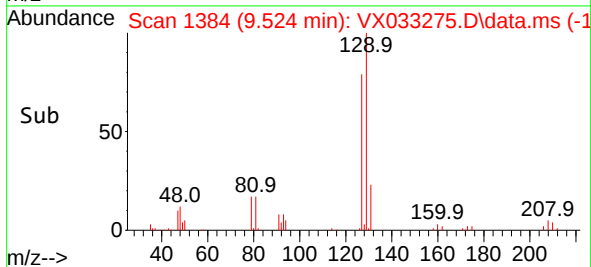
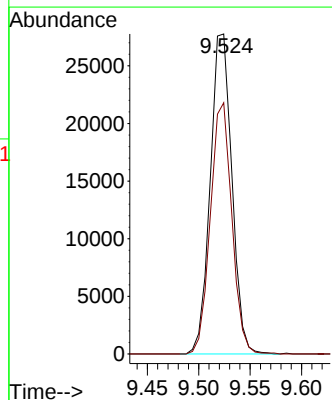
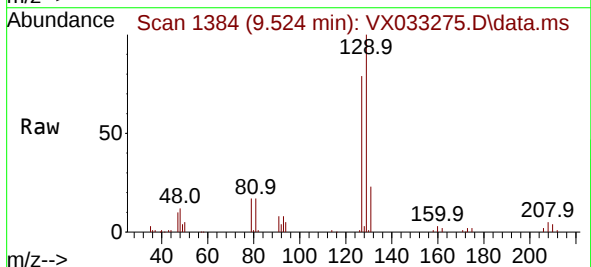
Acq: 07 Dec 2022 10:32

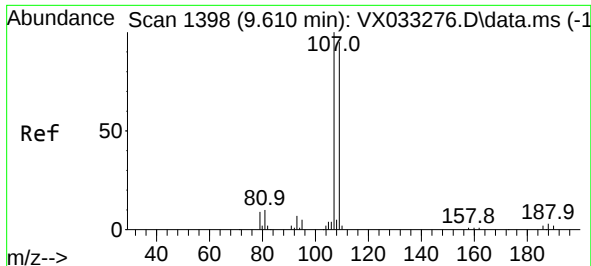
Tgt Ion:129 Resp: 40652

Ion Ratio Lower Upper

129 100

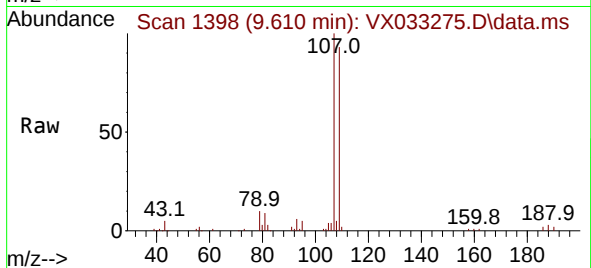
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 23.686 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

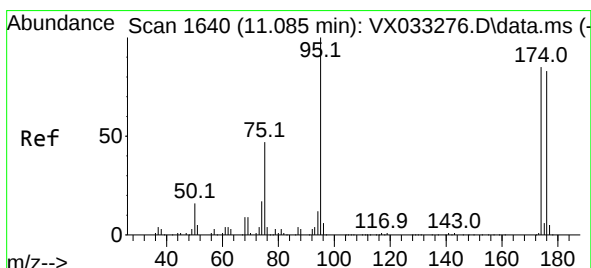
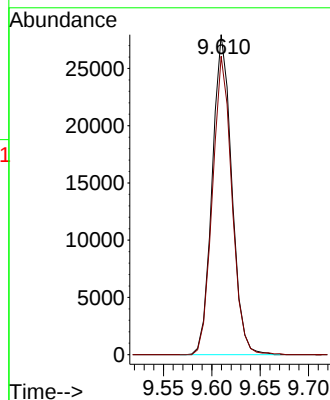
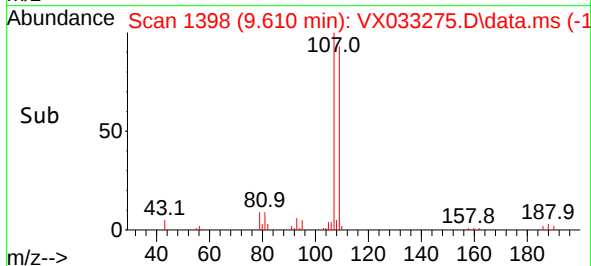
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



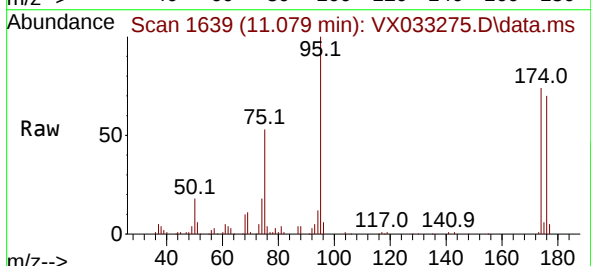
Tgt Ion:107 Resp: 39225
Ion Ratio Lower Upper
107 100
109 92.6 76.0 114.0

Manual Integrations
APPROVED

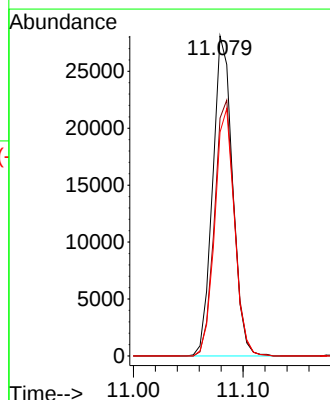
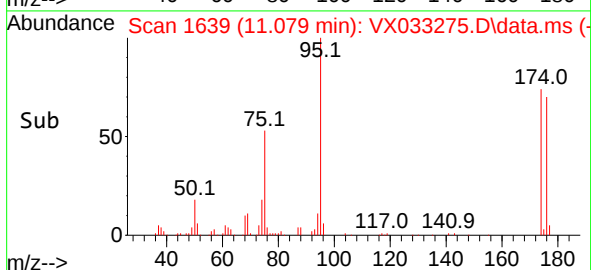
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

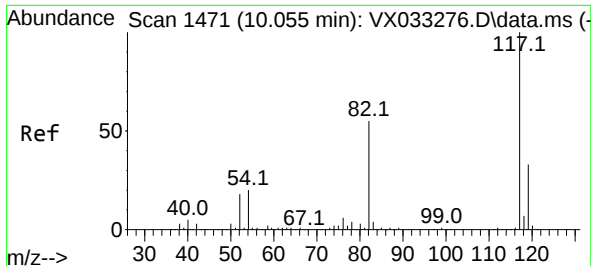


#62
4-Bromofluorobenzene
Concen: 20.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



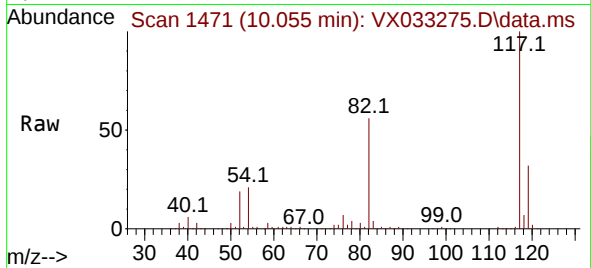
Tgt Ion: 95 Resp: 35433
Ion Ratio Lower Upper
95 100
174 80.4 0.0 164.0
176 76.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

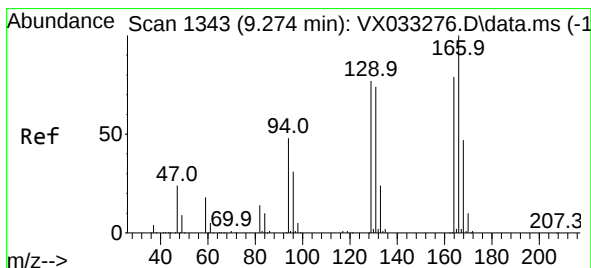
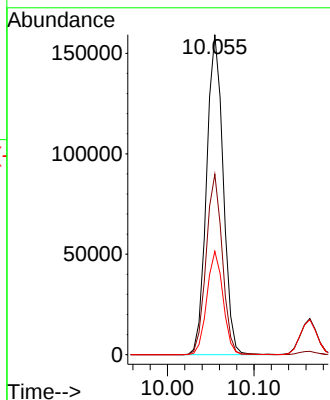
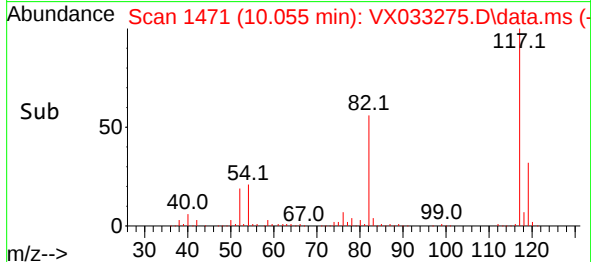
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 21208
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 32.3 25.7 38.5

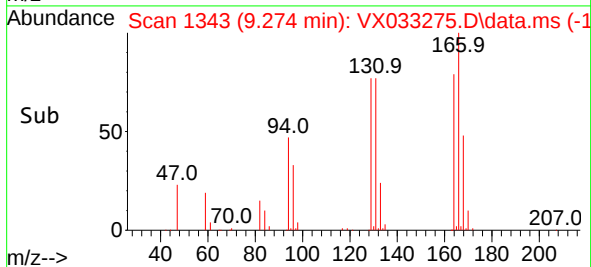
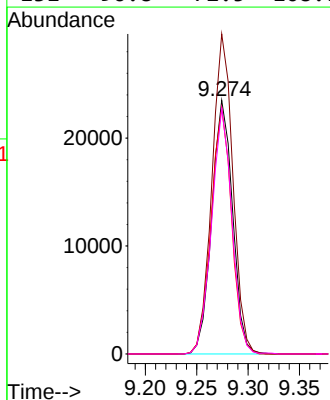
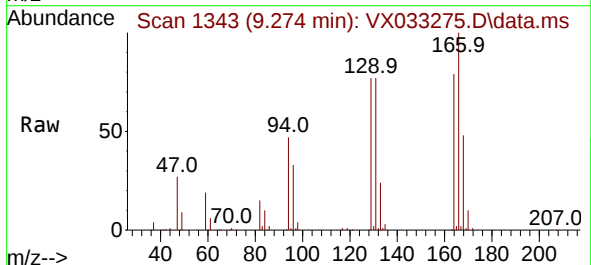
Manual Integrations
APPROVED

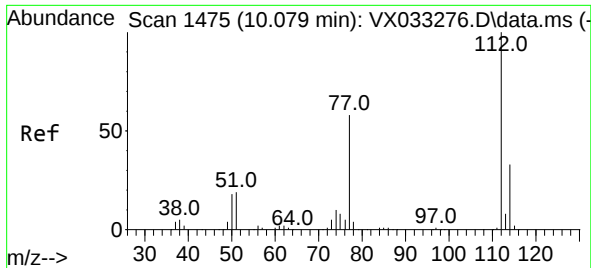
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 22.029 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion:164 Resp: 33071
Ion Ratio Lower Upper
164 100
166 126.2 105.4 158.2
129 97.2 78.2 117.2
131 96.8 72.5 108.7





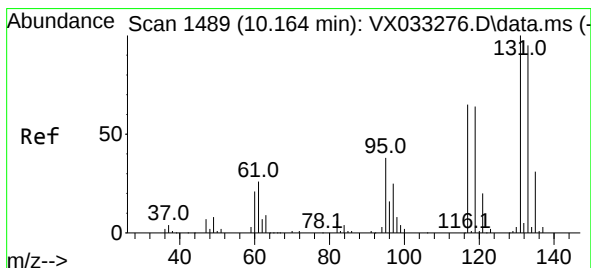
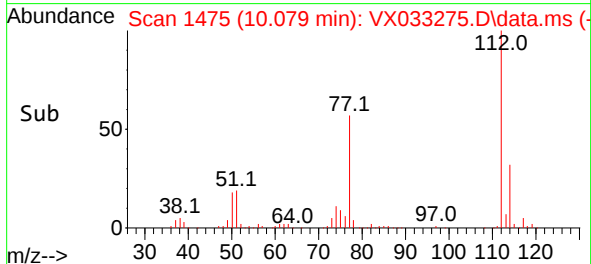
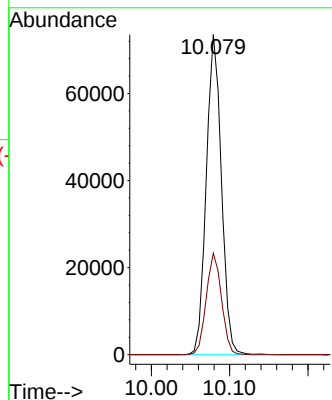
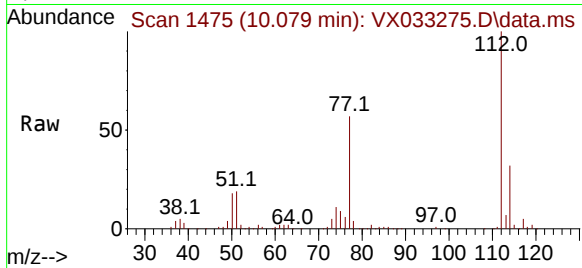
#65
Chlorobenzene
Concen: 23.247 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 98295
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

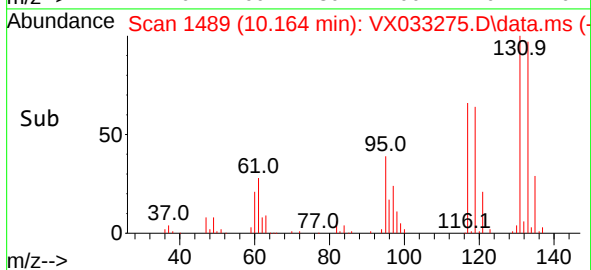
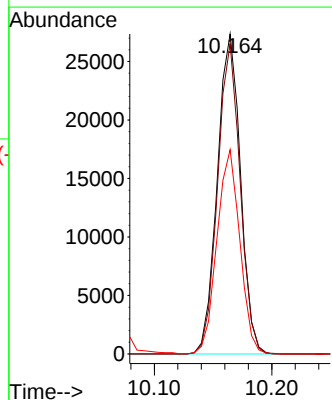
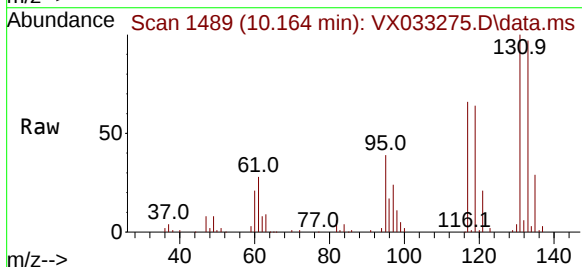
Manual Integrations
APPROVED

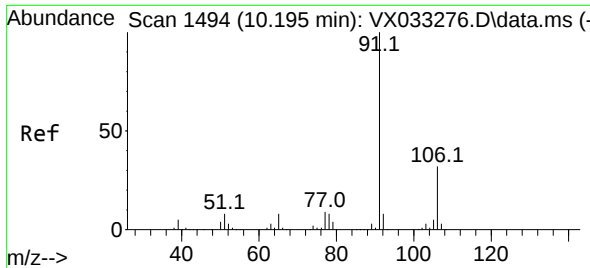
Reviewed By :John Carbone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 24.185 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

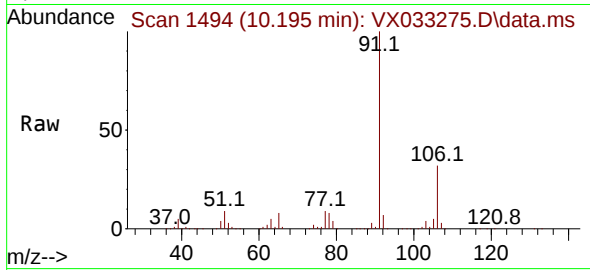
Tgt Ion:131 Resp: 37470
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 63.1 32.4 97.0





#67
Ethyl Benzene
Concen: 23.103 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

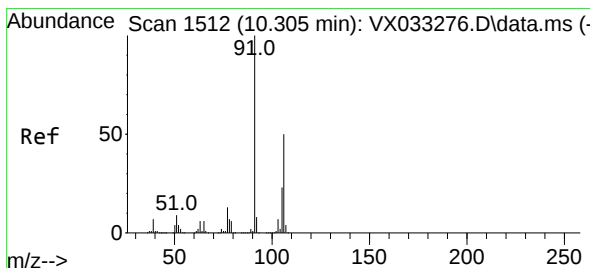
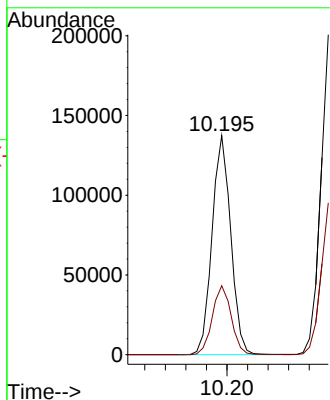
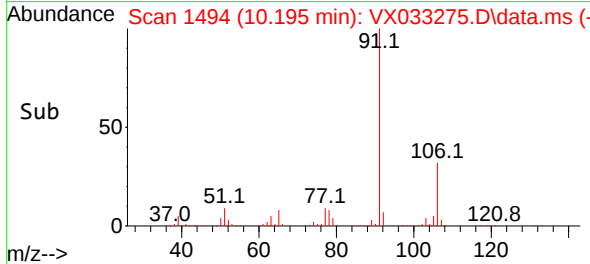
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



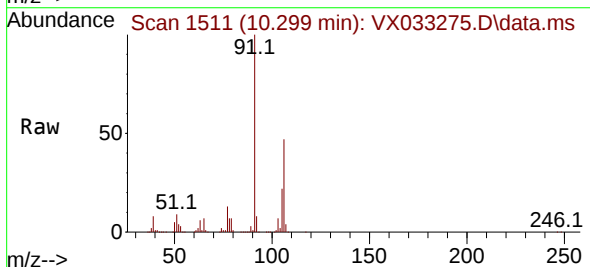
Tgt Ion: 91 Resp: 173292
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

Manual Integrations
APPROVED

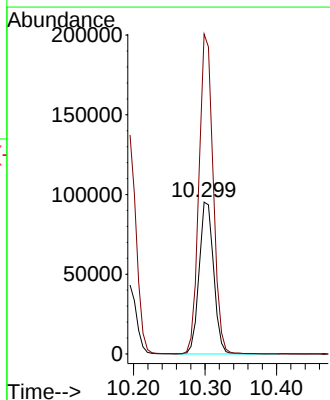
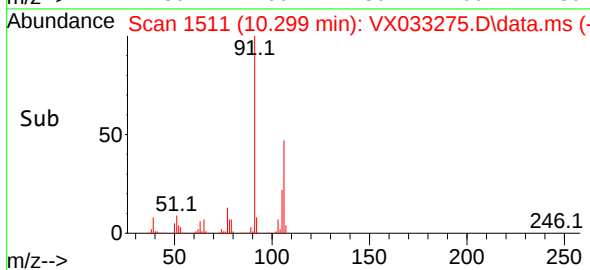
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

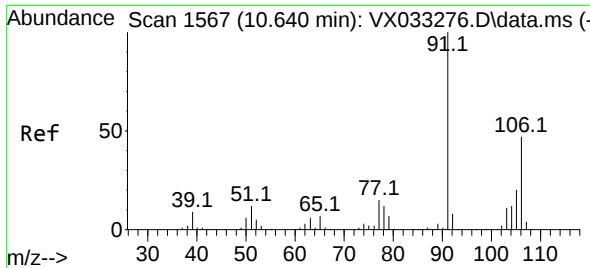


#68
m/p-Xylenes
Concen: 45.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



Tgt Ion:106 Resp: 134099
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7





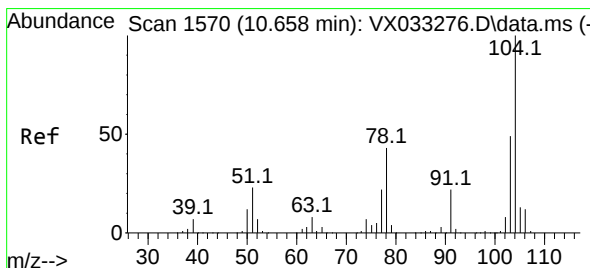
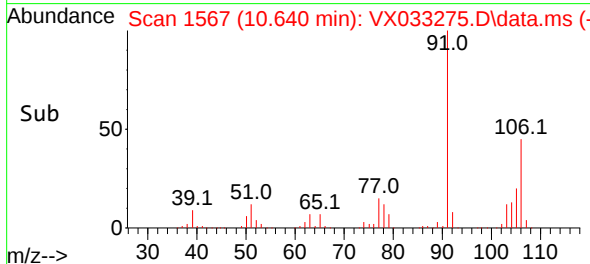
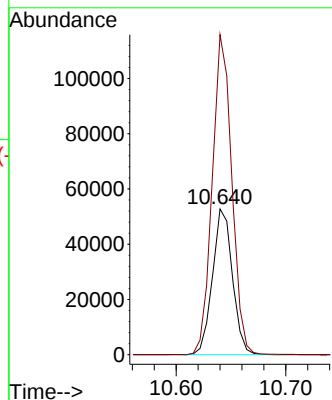
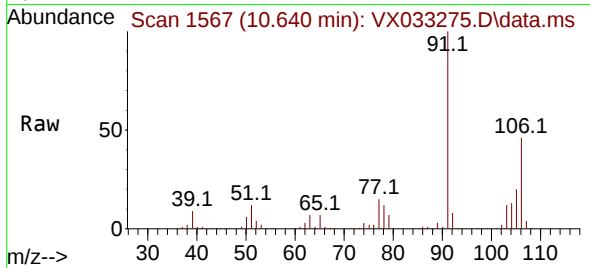
#69
o-Xylene
Concen: 23.464 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 6668
Ion Ratio Lower Upper
106 100
91 215.9 109.2 327.6

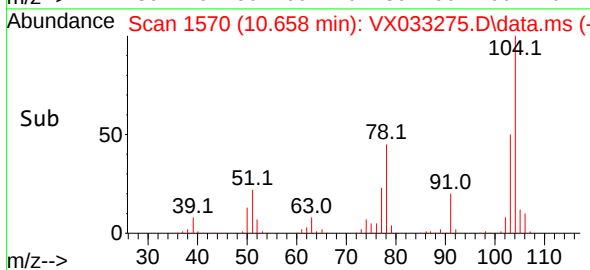
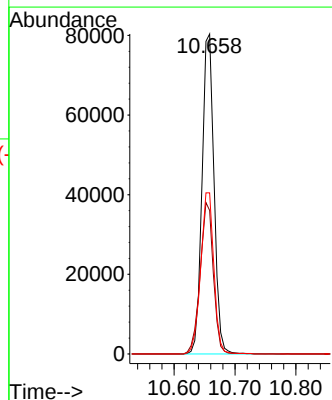
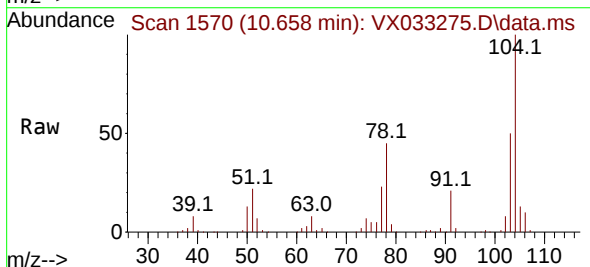
Manual Integrations
APPROVED

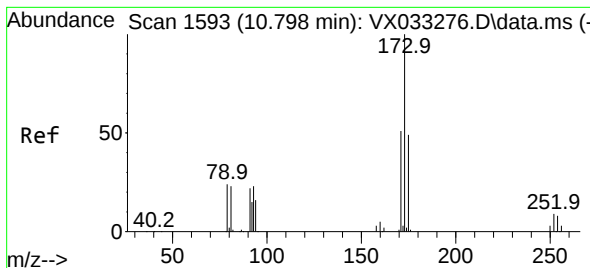
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 23.622 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion:104 Resp: 109831
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 24.572 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

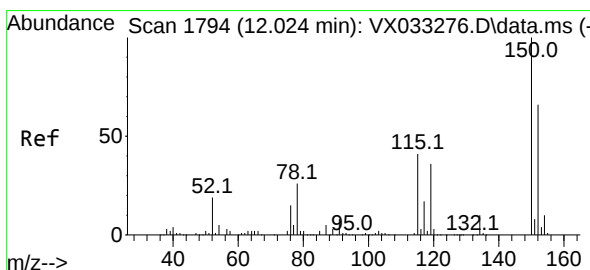
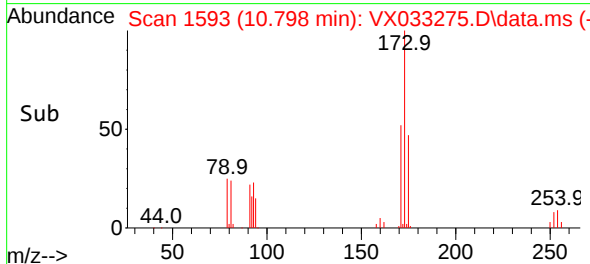
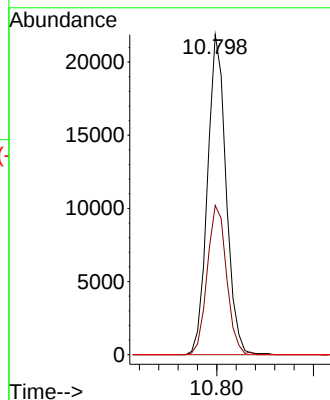
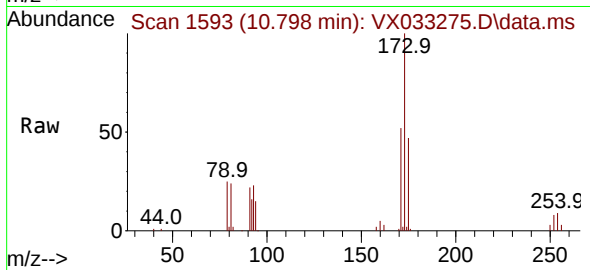
VSTDICC020

Tgt Ion:173 Resp: 29189
 Ion Ratio Lower Upper
 173 100
 175 48.5 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

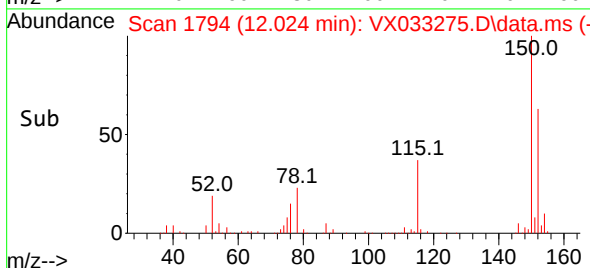
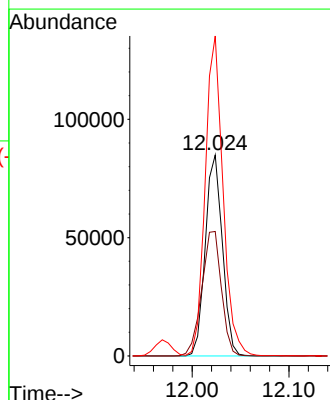
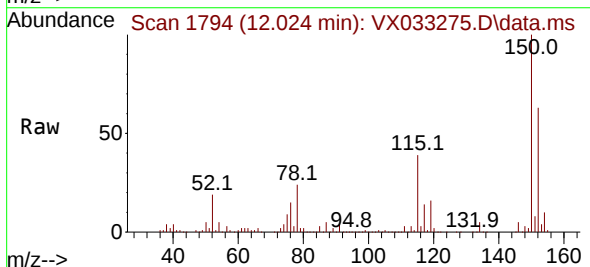
RT: 12.024 min Scan# 1794

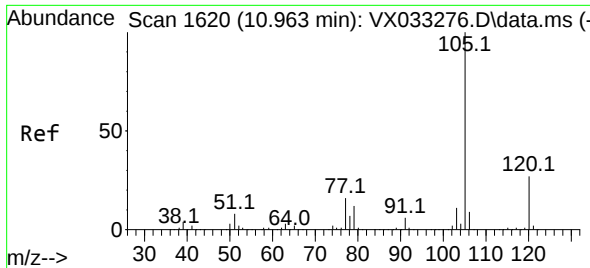
Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

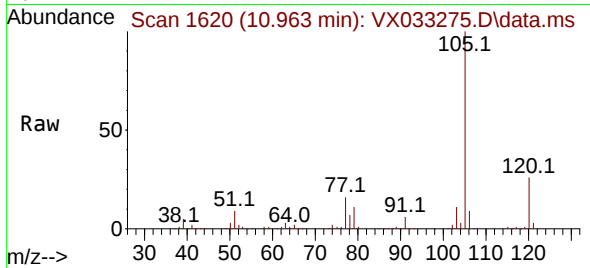
Tgt Ion:152 Resp: 104636
 Ion Ratio Lower Upper
 152 100
 115 71.2 44.0 132.0
 150 165.8 0.0 351.8





#73
Isopropylbenzene
Concen: 23.430 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

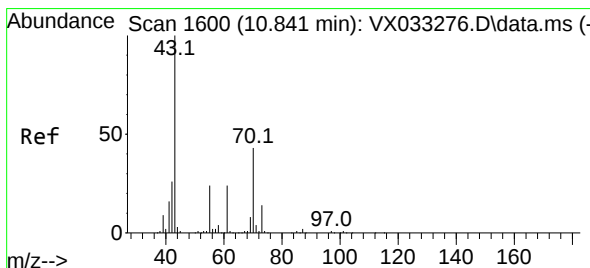
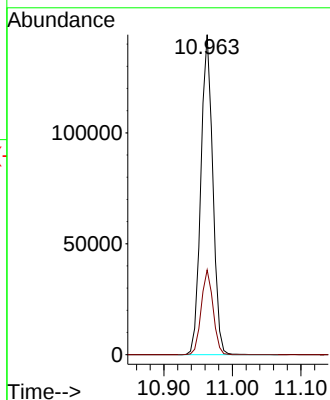
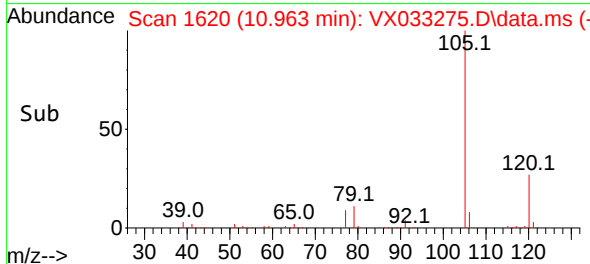
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



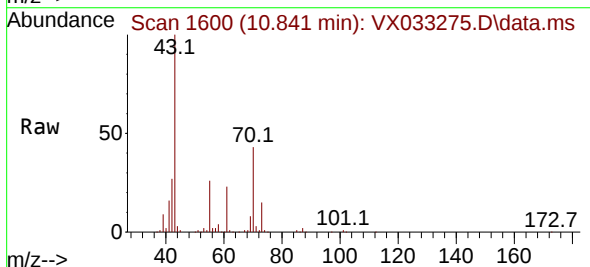
Tgt Ion:105 Resp: 175194
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

Manual Integrations
APPROVED

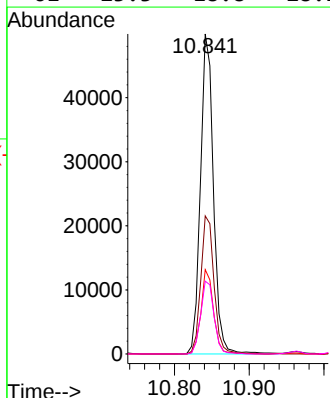
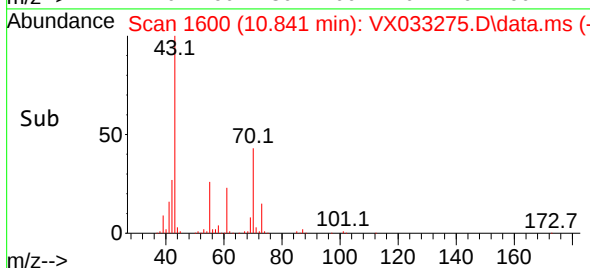
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

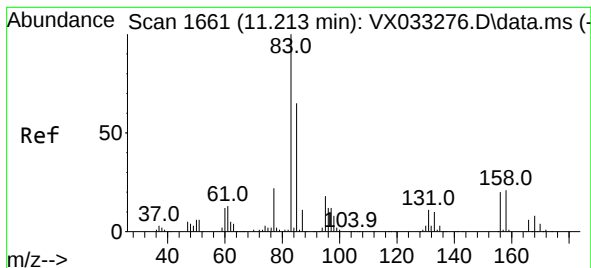


#74
N-ethyl acetate
Concen: 23.754 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



Tgt Ion: 43 Resp: 60421
Ion Ratio Lower Upper
43 100
70 43.9 33.6 50.4
55 25.3 19.4 29.2
61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 24.134 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

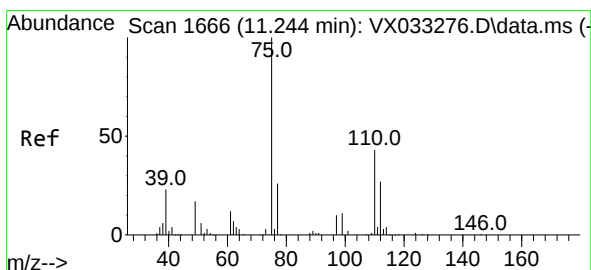
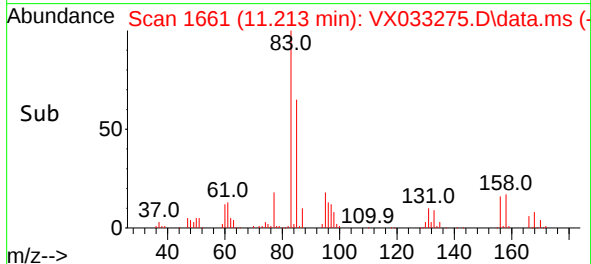
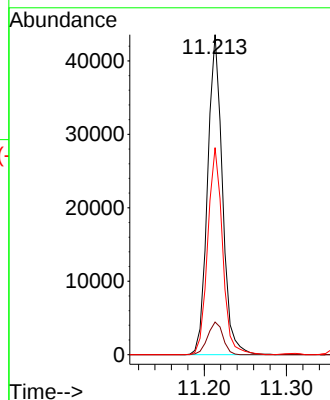
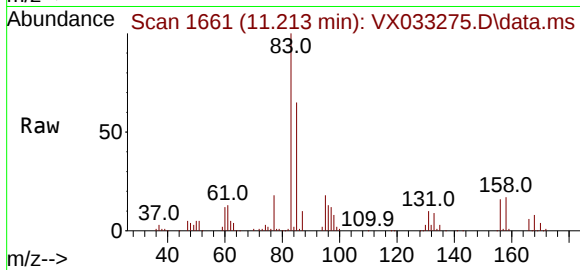
Tgt Ion: 83	Resp: 5446
Ion Ratio	Lower Upper
83 100	
131 10.6	5.4 16.2
85 64.6	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#76

1,2,3-Trichloropropane

Concen: 24.842 ug/l m

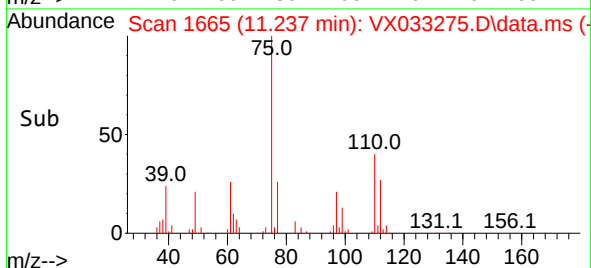
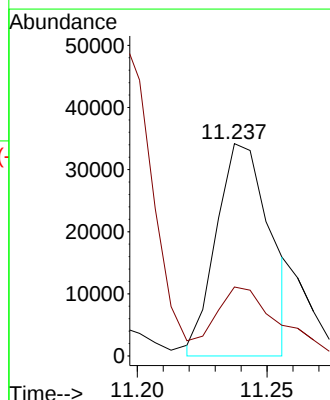
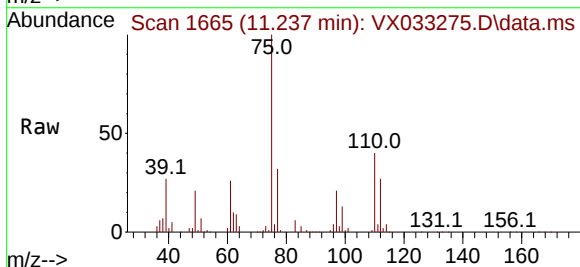
RT: 11.237 min Scan# 1665

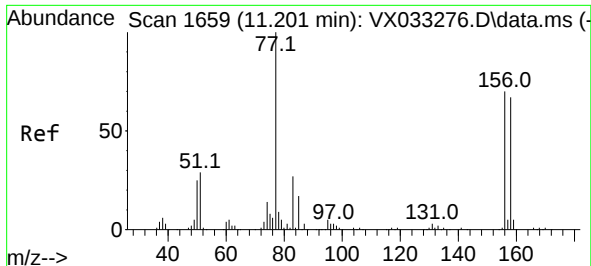
Delta R.T. -0.007 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

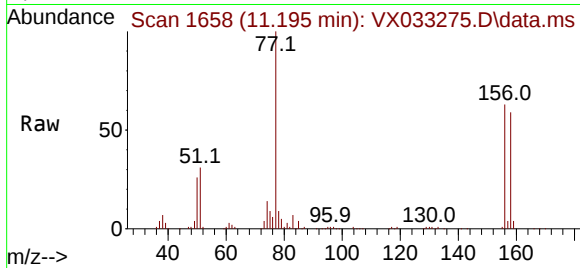
Tgt Ion: 75	Resp: 49227
Ion Ratio	Lower Upper
75 100	
77 38.8	20.0 60.0





#77
Bromobenzene
Concen: 23.514 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

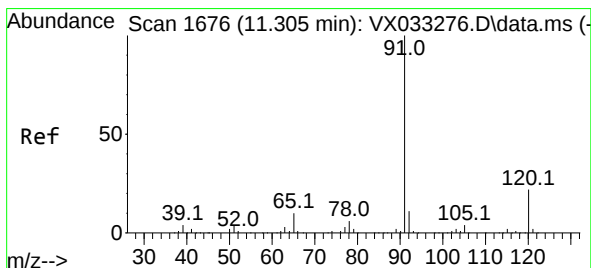
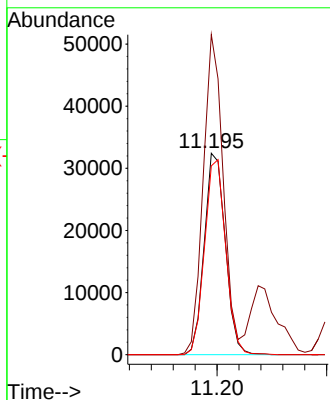
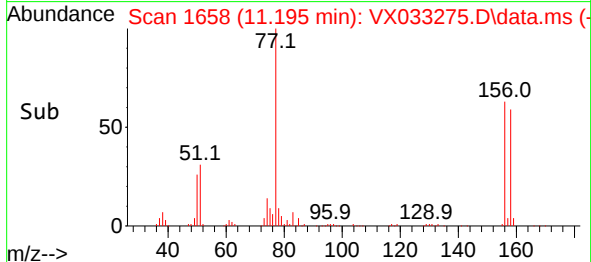
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



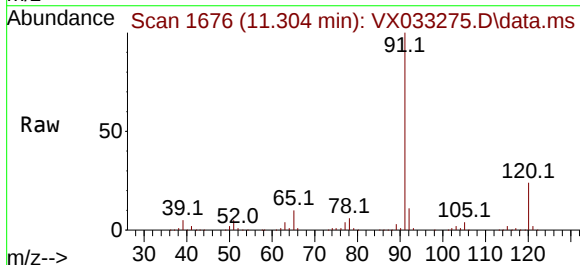
Tgt Ion:156 Resp: 43240
Ion Ratio Lower Upper
156 100
77 150.5 76.1 228.4
158 97.5 48.8 146.3

Manual Integrations
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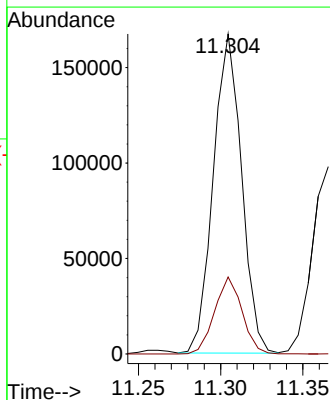
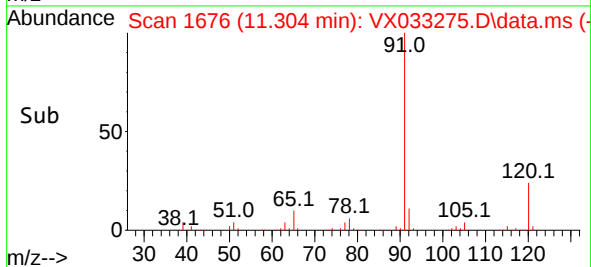
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

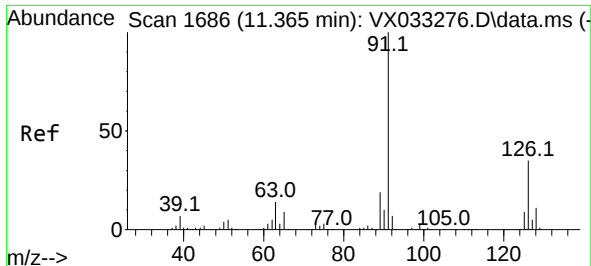


#78
n-propylbenzene
Concen: 23.345 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



Tgt Ion: 91 Resp: 199580
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





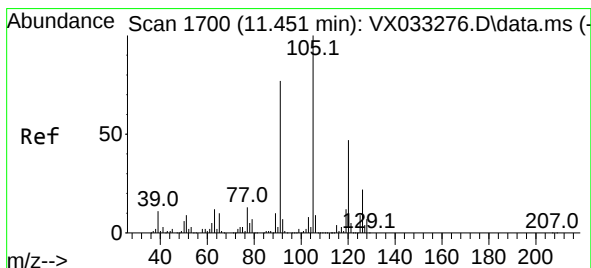
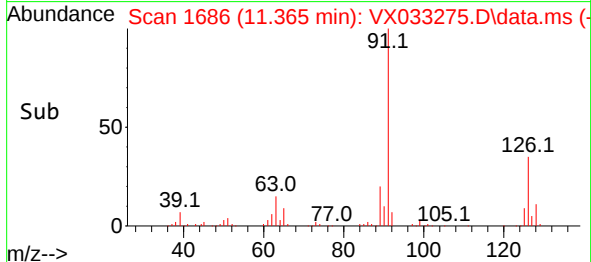
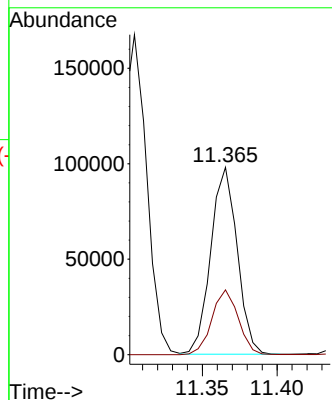
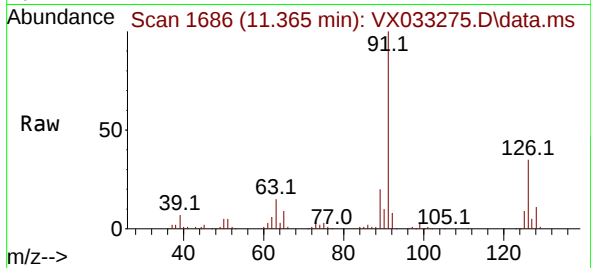
#79
2-Chlorotoluene
Concen: 23.187 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 12039
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

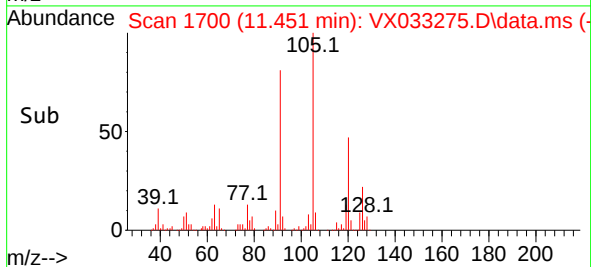
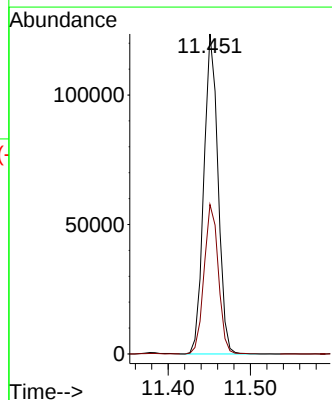
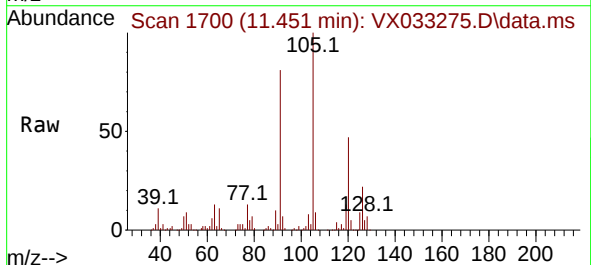
Manual Integrations
APPROVED

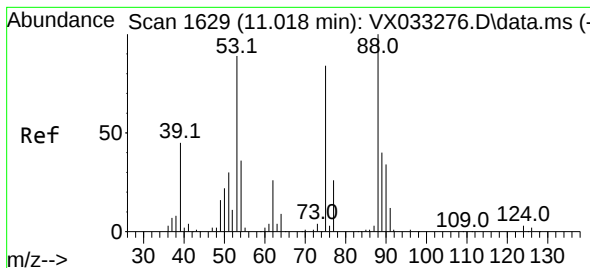
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Tgt Ion:105 Resp: 147966
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0





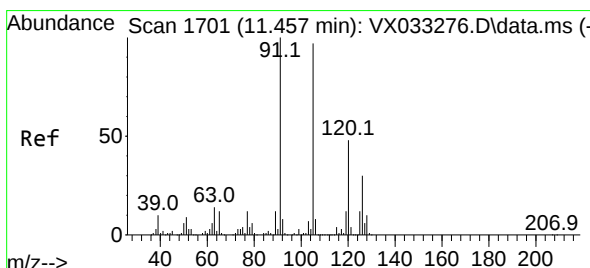
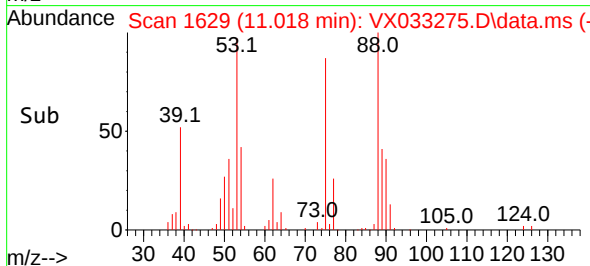
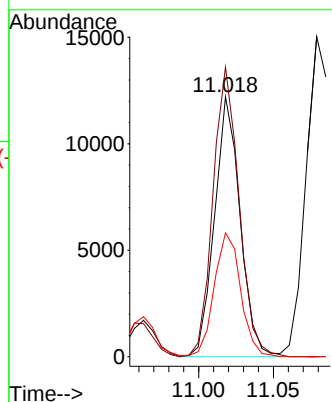
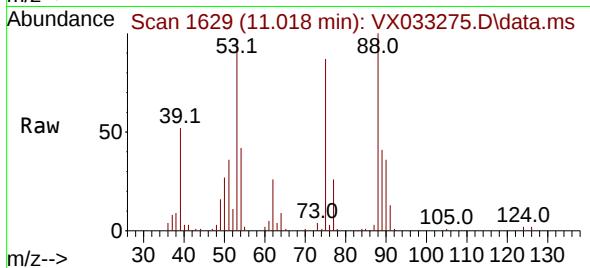
#81
trans-1,4-Dichloro-2-butene
Concen: 23.827 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 14520
Ion Ratio Lower Upper
75 100
53 113.0 86.9 130.3
89 49.1 38.3 57.5

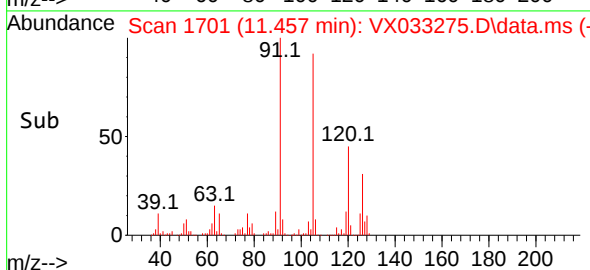
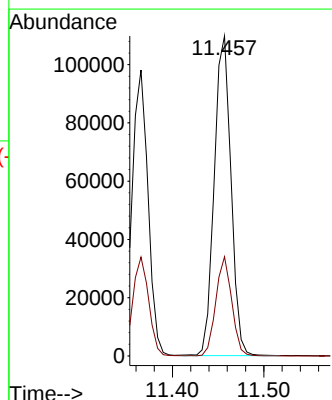
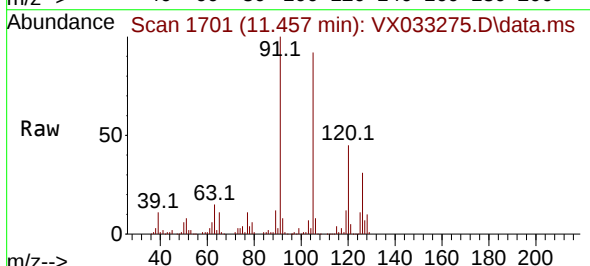
Manual Integrations
APPROVED

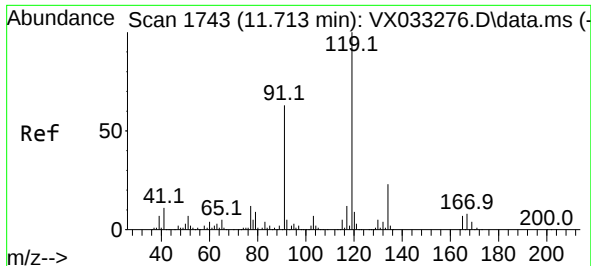
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#82
4-Chlorotoluene
Concen: 22.916 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

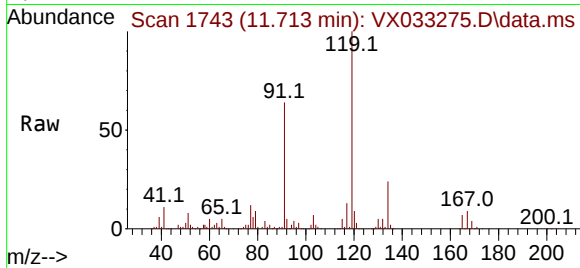
Tgt Ion: 91 Resp: 139436
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 23.672 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

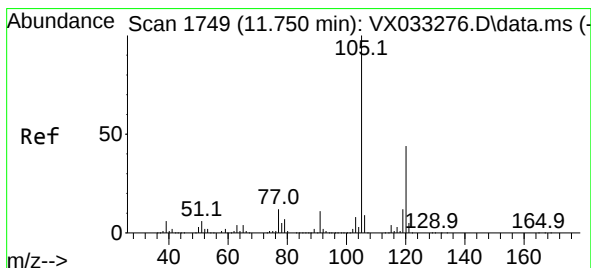
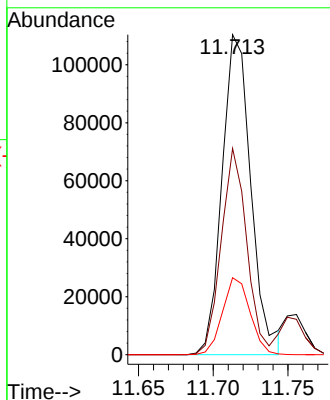
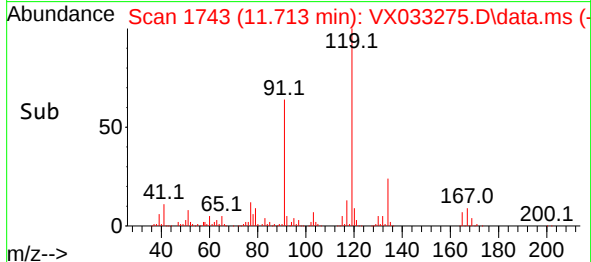
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



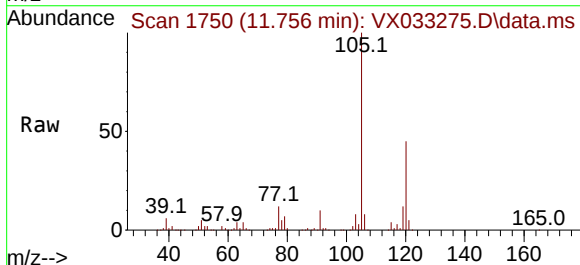
Tgt Ion:119 Resp: 14801
Ion Ratio Lower Upper
119 100
91 57.2 29.4 88.2
134 23.0 11.0 33.0

Manual Integrations
APPROVED

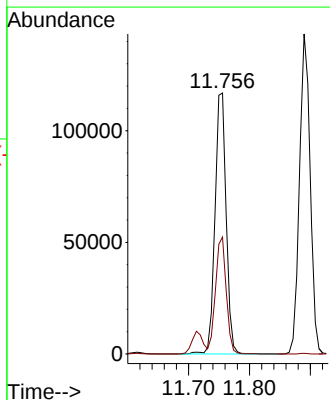
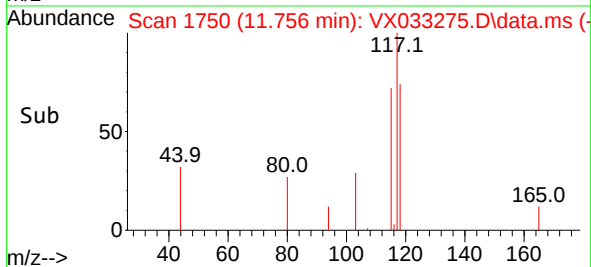
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

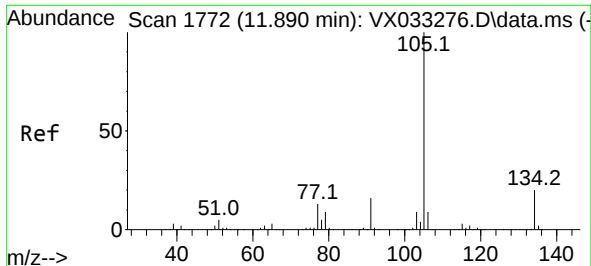


#84
1,2,4-Trimethylbenzene
Concen: 23.739 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



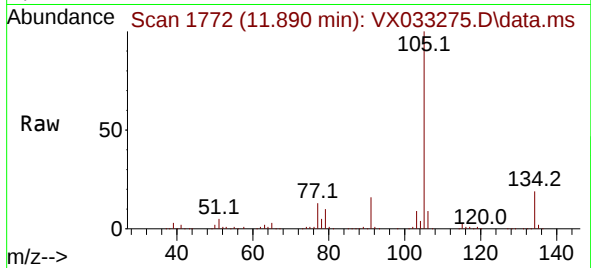
Tgt Ion:105 Resp: 148682
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 23.380 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033275.D
 Acq: 07 Dec 2022 10:32

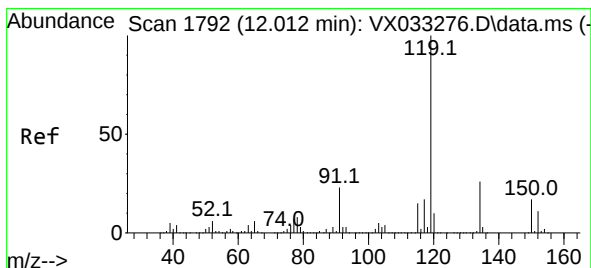
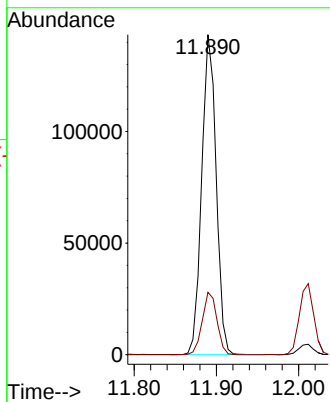
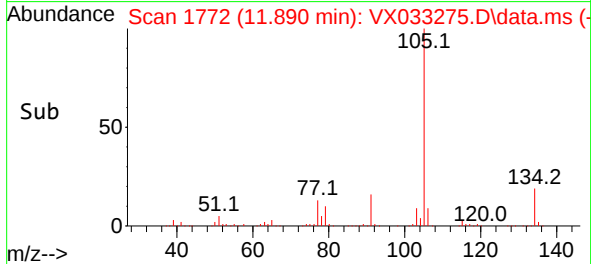
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



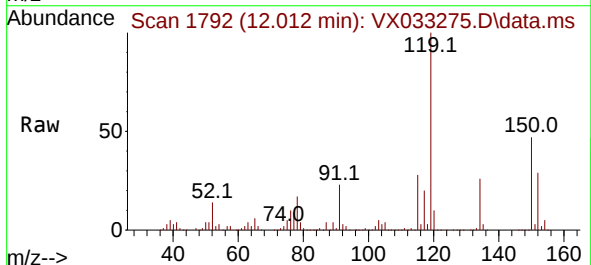
Tgt Ion:105 Resp: 17489
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
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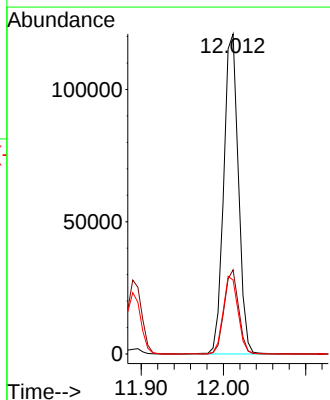
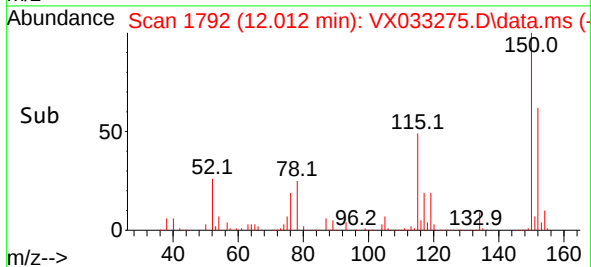
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

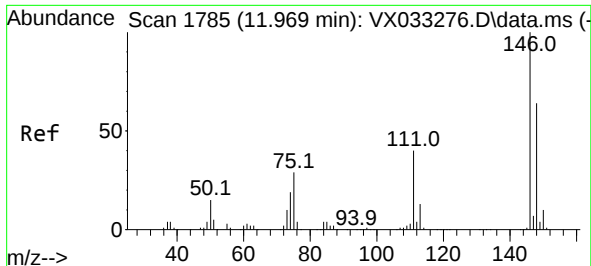


#86
 p-Isopropyltoluene
 Concen: 23.717 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033275.D
 Acq: 07 Dec 2022 10:32



Tgt Ion:119 Resp: 150310
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 23.335 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 80489

Ion Ratio Lower Upper

146 100

111 39.9 20.6 61.8

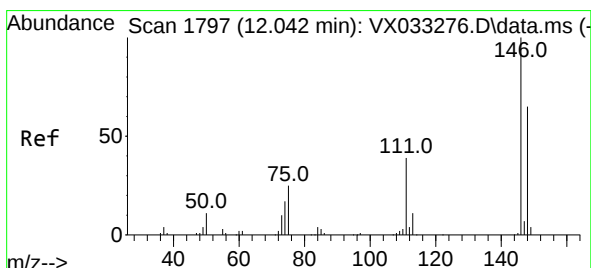
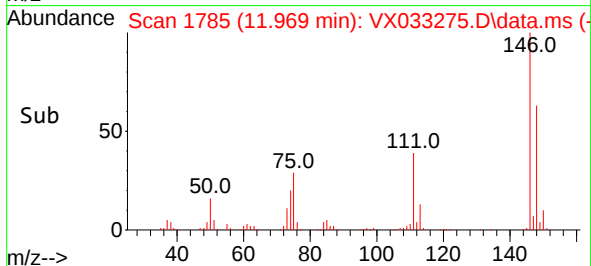
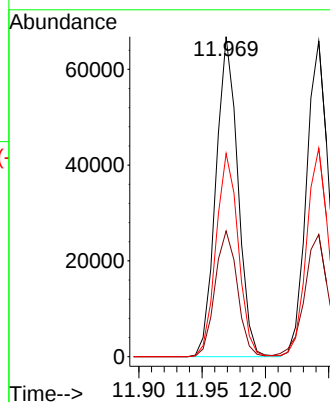
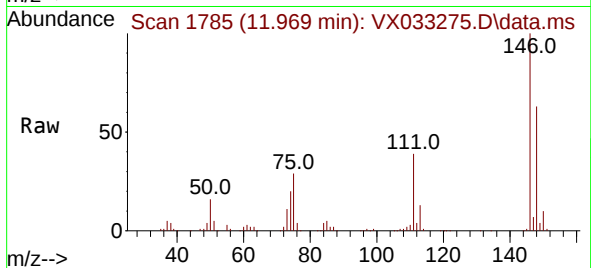
148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#88

1,4-Dichlorobenzene

Concen: 22.644 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

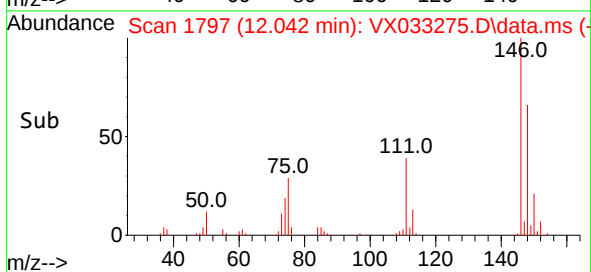
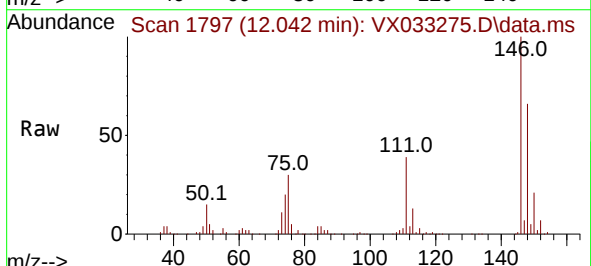
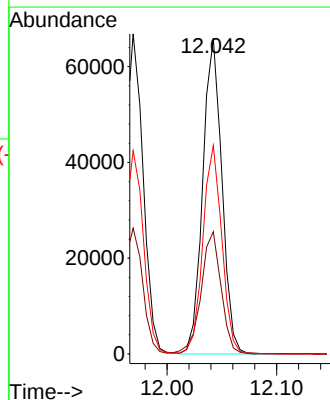
Tgt Ion:146 Resp: 79989

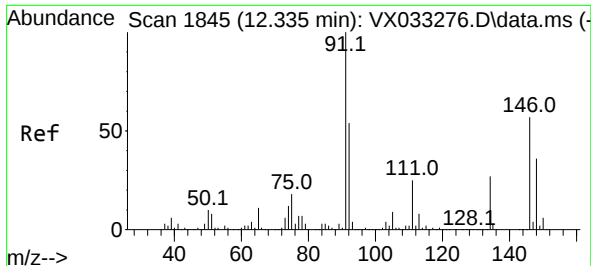
Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

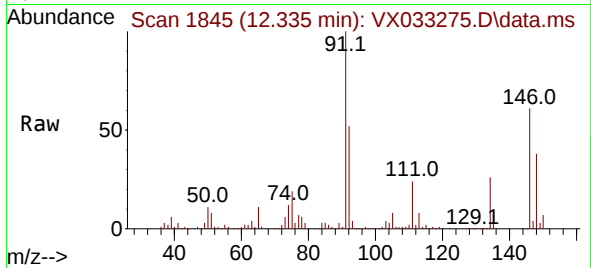
148 65.5 32.2 96.6





#89
n-Butylbenzene
Concen: 22.988 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

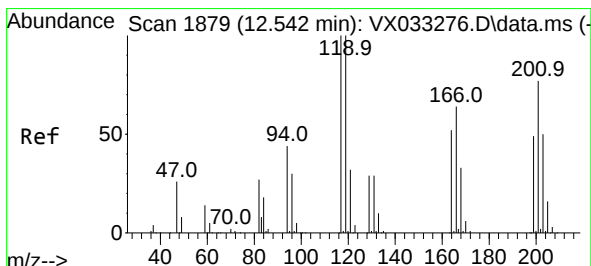
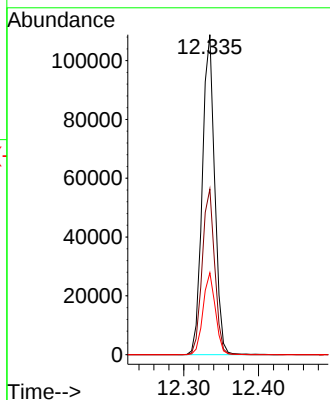
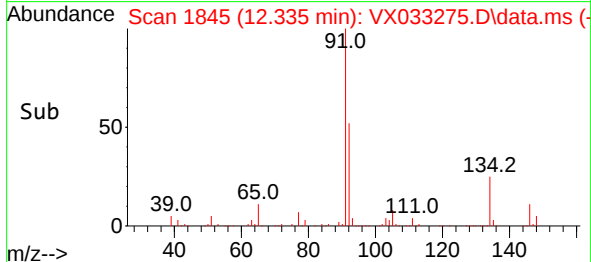
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 12551
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 25.5 12.9 38.6

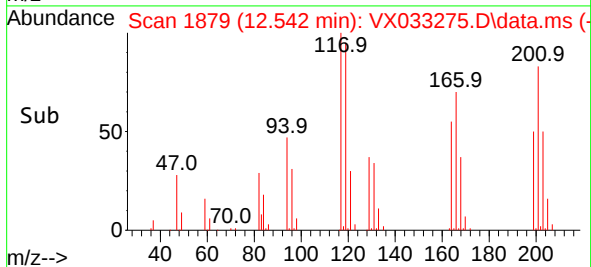
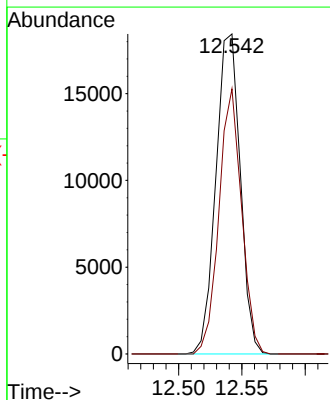
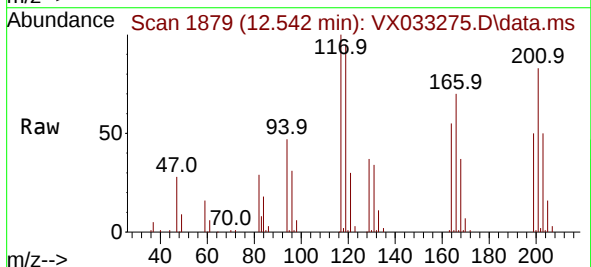
Manual Integrations
APPROVED

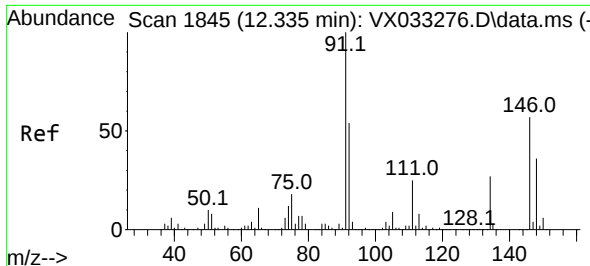
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#90
Hexachloroethane
Concen: 23.665 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

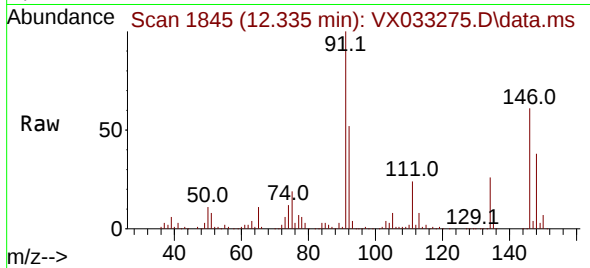
Tgt Ion:117 Resp: 24641
Ion Ratio Lower Upper
117 100
201 76.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 23.715 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

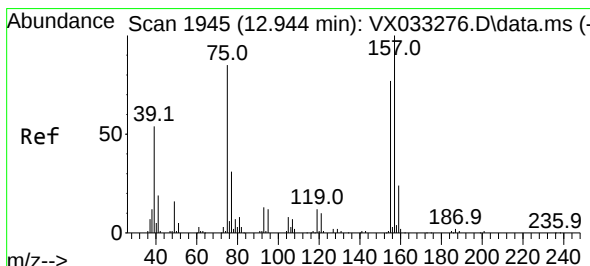
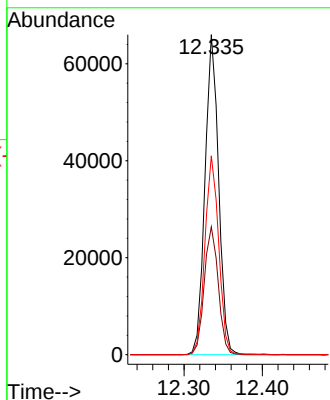
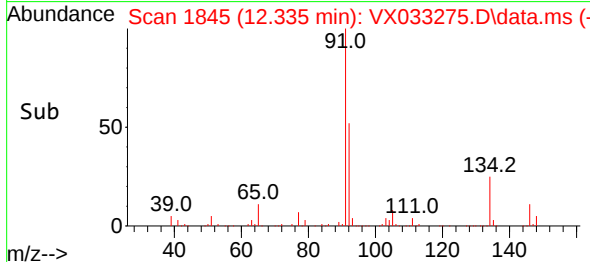
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



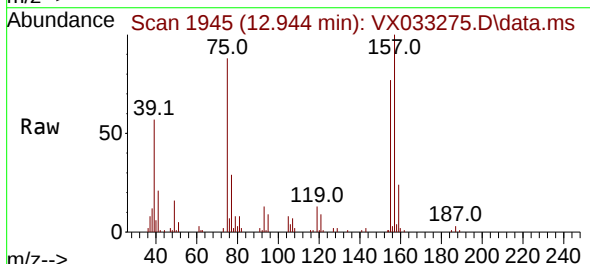
Tgt Ion:146 Resp: 7956
Ion Ratio Lower Upper
146 100
111 41.0 21.5 64.5
148 62.8 32.0 96.2

Manual Integrations
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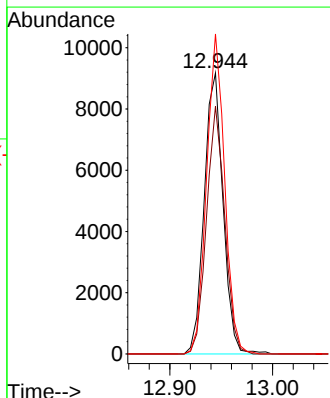
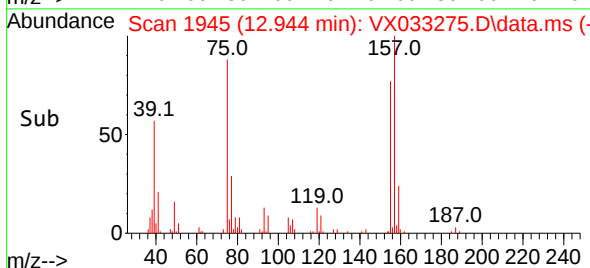
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

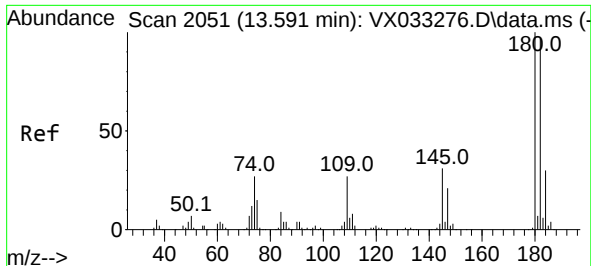


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.947 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



Tgt Ion: 75 Resp: 11683
Ion Ratio Lower Upper
75 100
155 85.4 41.6 124.8
157 109.4 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 23.338 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 4826

Ion Ratio Lower Upper

180 100

182 93.7 48.4 145.0

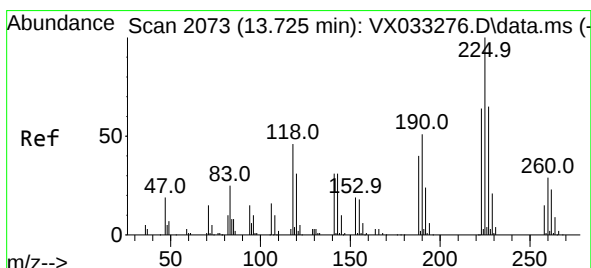
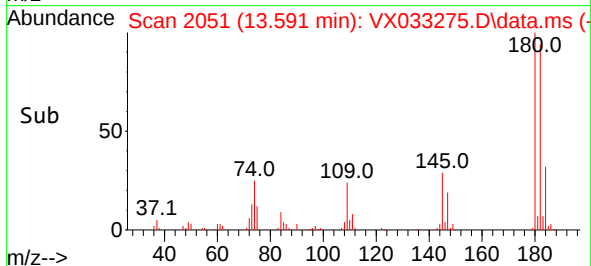
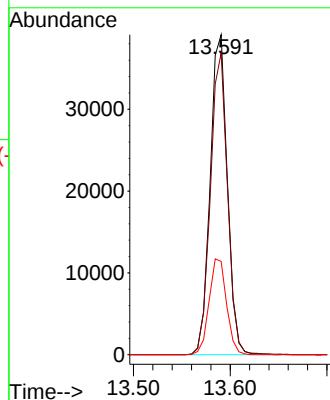
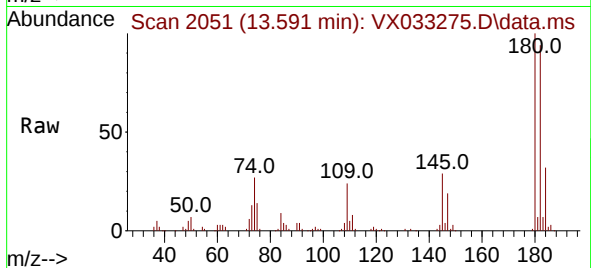
145 30.3 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#94

Hexachlorobutadiene

Concen: 21.110 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033275.D

Acq: 07 Dec 2022 10:32

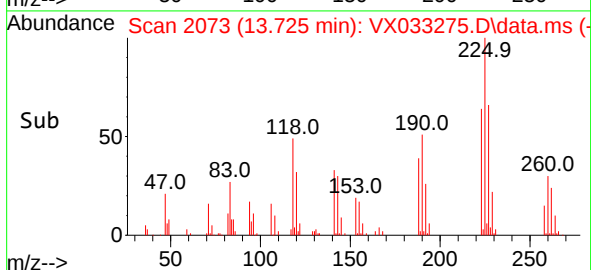
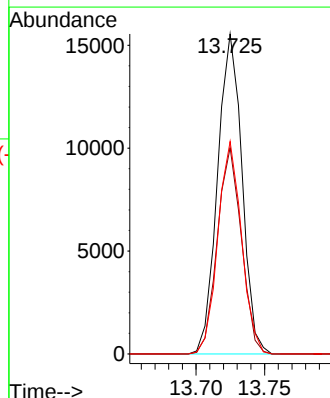
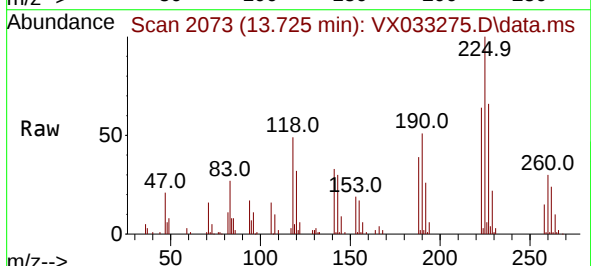
Tgt Ion:225 Resp: 19262

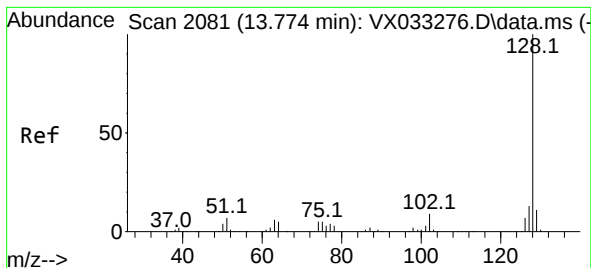
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

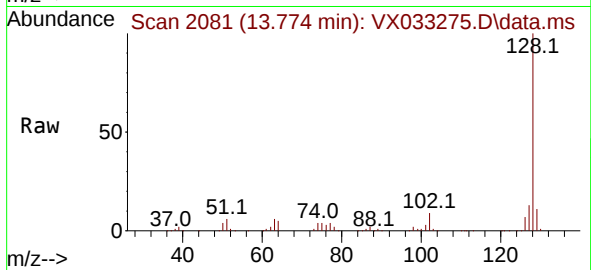
227 64.2 31.9 95.5





#95
Naphthalene
Concen: 24.481 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32

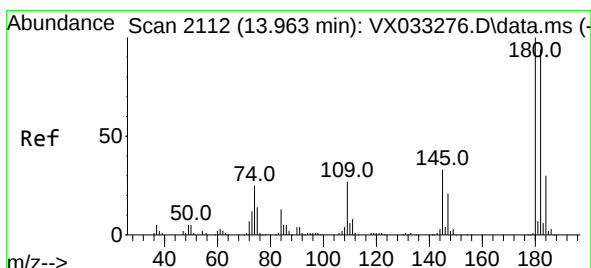
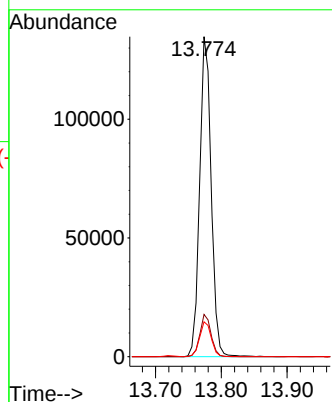
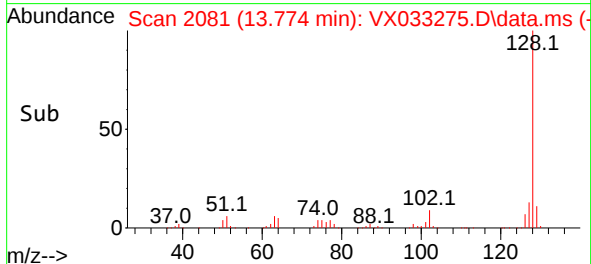
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



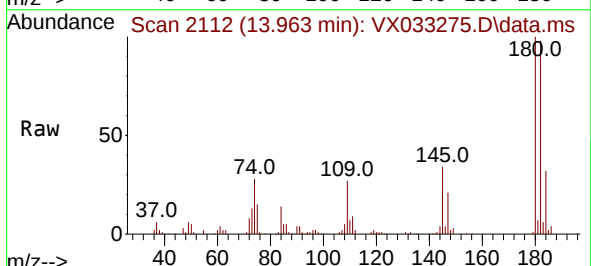
Tgt Ion:128 Resp: 163799
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.997 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033275.D
Acq: 07 Dec 2022 10:32



Tgt Ion:180 Resp: 47697
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 34.2 16.9 50.6

