

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019119.D
 Acq On : 26 Oct 2020 15:02
 Operator : JC/SP
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:14 PM

Quant Time: Oct 27 05:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42830	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	247242	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	223211	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	87598	30.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.37%
60) 4-Bromofluorobenzene	11.12	95	102419	30.57	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.90%
63) Toluene-d8	8.70	98	293148	29.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39198	18.211	ug/l 100
3) Chloromethane	1.31	50	35557	18.283	ug/l 98
4) Vinyl Chloride	1.39	62	46685	18.315	ug/l 98
5) Bromomethane	1.64	94	42850	21.866	ug/l 99
6) Chloroethane	1.72	64	31615	18.303	ug/l 99
7) Trichlorofluoromethane	1.92	101	82135	18.505	ug/l 99
8) Diethyl Ether	2.17	74	31794	19.110	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42092	19.847	ug/l 100
10) 1,1-Dichloroethene	2.36	96	41342	19.175	ug/l 99
11) Methyl Iodide	2.49	142	40604	21.672	ug/l 96
12) Methyl Acetate	2.75	43	42237	19.789	ug/l 99
13) Acrolein	2.27	56	21339	108.581	ug/l 91
14) Acrylonitrile	3.11	53	99387	99.117	ug/l 99
15) Acetone	2.42	58	32172	112.002	ug/l 96
16) Carbon Disulfide	2.55	76	95271	15.898	ug/l 100
17) Allyl chloride	2.70	41	52399	19.456	ug/l 96
18) Methylene Chloride	2.83	84	48435	19.699	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	46484	18.460	ug/l 98
20) Diisopropyl ether	3.82	45	106008	19.430	ug/l 95
21) 1,1-Dichloroethane	3.67	63	77211	19.276	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	55438	19.006	ug/l 98
23) tert-Butyl Alcohol	3.01	59	51705	106.361	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	132994	19.508	ug/l 100
25) Chloroform	5.17	83	86227	19.428	ug/l 98
26) Cyclohexane	5.54	56	56097	18.022	ug/l # 98
29) 1,1-Dichloropropene	5.76	75	61687	17.686	ug/l 99
30) 2-Butanone	4.63	43	137603	99.029	ug/l 99
31) 2,2-Dichloropropane	4.54	77	75483	18.914	ug/l 100
32) 1,1,1-Trichloroethane	5.45	97	76996	18.366	ug/l 99
33) Carbon Tetrachloride	5.74	117	65607	18.033	ug/l 99
34) Benzene	6.10	78	188460	18.364	ug/l 96
35) Methacrylonitrile	5.00	41	28665	19.056	ug/l 97
36) 1,2-Dichloroethane	6.16	62	65274	18.541	ug/l 100
37) Trichloroethene	7.18	130	54880	18.604	ug/l 99
38) Methylcyclohexane	7.43	83	70250	17.968	ug/l 99
39) 1,2-Dichloropropane	7.48	63	45498	19.099	ug/l 97
40) Dibromomethane	7.63	93	34557	18.691	ug/l 99

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Manual Integrations
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Quant Time: Oct 27 05:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	68243	18.670	ug/l	97
42) Vinyl Acetate	3.78	43	503405	93.109	ug/l	100
43) Ethyl Acetate	4.79	43	53652	18.406	ug/l	99
44) Isopropyl Acetate	6.40	43	91182	18.680	ug/l	100
45) 1,4-Dioxane	7.72	88	20455	398.683	ug/l	97
46) Methyl methacrylate	7.74	41	42237	18.282	ug/l	98
47) n-amyl Acetate	10.88	43	72421	18.497	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	74012	18.087	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	79939	18.358	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	50642	18.911	ug/l	99
51) Ethyl methacrylate	9.16	69	70772	18.112	ug/l	96
52) 1,3-Dichloropropane	9.35	76	82085	18.816	ug/l	100
53) Dibromochloromethane	9.56	129	54836	18.395	ug/l	99
54) 1,2-Dibromoethane	9.65	107	52075	17.896	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	191829	91.864	ug/l	100
56) Bromoform	10.84	173	37895	18.183	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	271239	96.360	ug/l	100
59) 2-Hexanone	9.47	43	207886	99.108	ug/l	99
61) Tetrachloroethene	9.32	164	51352	19.392	ug/l	95
62) Toluene	8.76	91	213789	18.224	ug/l	98
64) Chlorobenzene	10.12	112	135747	18.615	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	48855	18.421	ug/l	98
66) Ethyl Benzene	10.23	91	236385	18.379	ug/l	98
67) m/p-Xylenes	10.34	106	183884	37.489	ug/l	100
68) o-Xylene	10.68	106	87877	18.785	ug/l	99
69) Styrene	10.70	104	147438	18.706	ug/l	99
70) Isopropylbenzene	11.00	105	237176	18.856	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	73908	20.353	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	67976m	20.816	ug/l	
73) Bromobenzene	11.24	156	58500	19.030	ug/l	99
74) n-propylbenzene	11.34	91	275587	19.350	ug/l	99
75) 2-Chlorotoluene	11.40	91	157277	19.523	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	196285	19.231	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	23618	18.211	ug/l	95
78) 4-Chlorotoluene	11.49	91	184386	19.477	ug/l	100
79) tert-butylbenzene	11.75	119	191501	19.053	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	196377	19.355	ug/l	100
81) sec-Butylbenzene	11.93	105	235282	19.784	ug/l	99
82) p-Isopropyltoluene	12.05	119	215010	19.617	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	108329	19.717	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	110873	19.875	ug/l	99
85) n-Butylbenzene	12.37	91	193897	19.757	ug/l	99
86) Hexachloroethane	12.58	117	31219	18.544	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	105933	20.140	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15578	18.954	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	74229	19.610	ug/l	99
90) Hexachlorobutadiene	13.77	225	32550	20.281	ug/l	98
91) Naphthalene	13.82	128	237082	19.133	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	72653	19.953	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

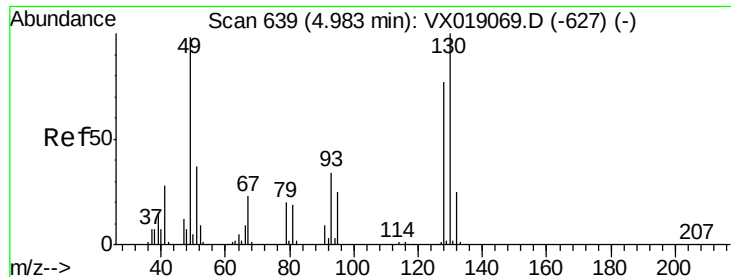
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 11:58:08 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

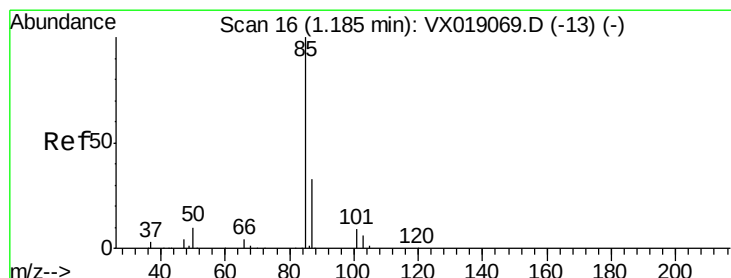
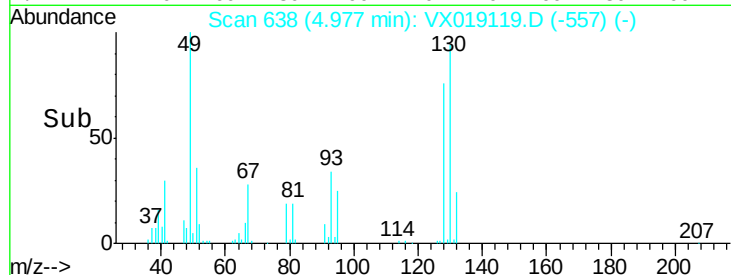
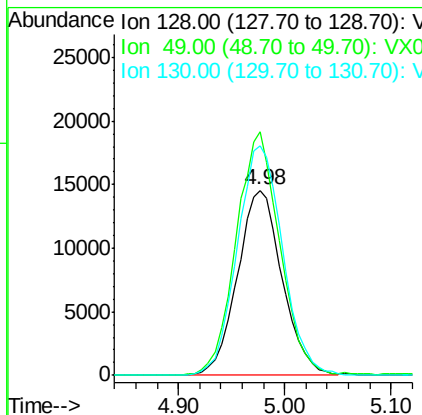
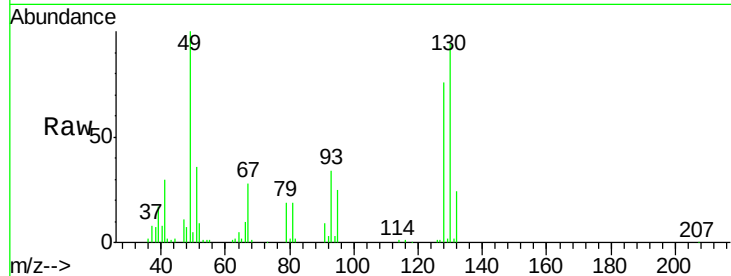
ClientSampleId :

VX1026WBS01

Tot Ion:	128	Resp:	42830
Ion	Ratio	Lower	Upper
128	100		
49	128.4	0.0	318.8
130	126.4	0.0	321.8

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#2

Dichlorodifluoromethane

Concen: 18.211 ug/l

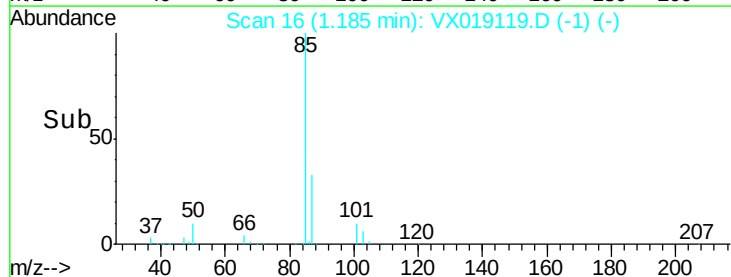
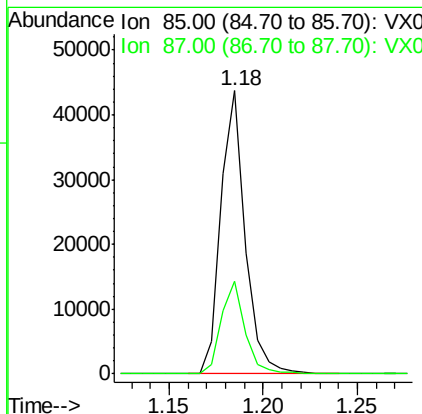
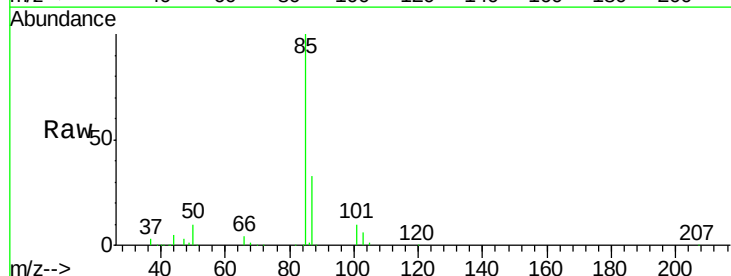
RT: 1.18 min Scan# 16

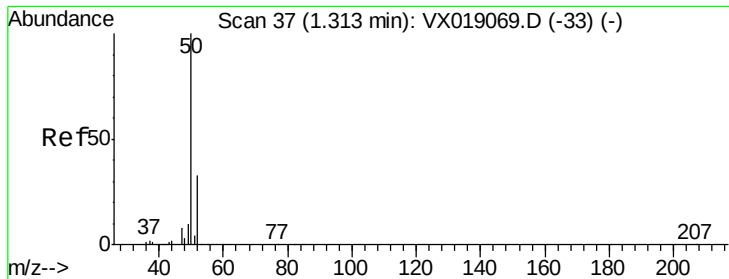
Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	85	Resp:	39198
Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.7





#3

Chloromethane

Concen: 18.283 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 50 Resp: 35557

Ion Ratio Lower Upper

50 100

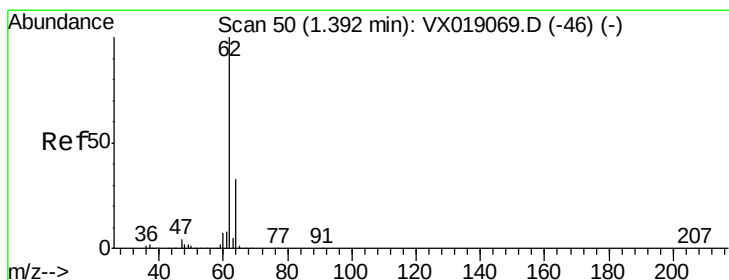
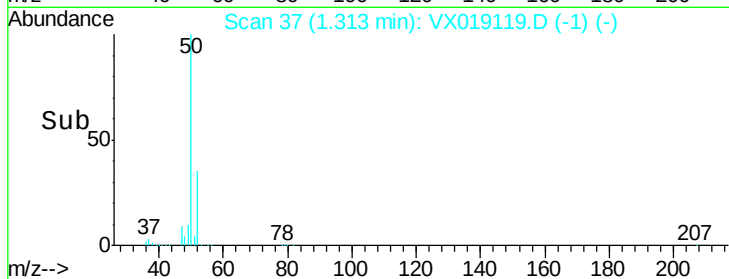
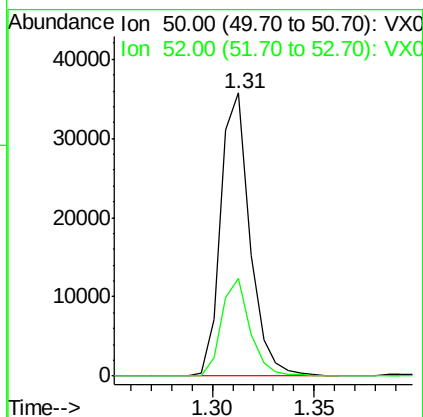
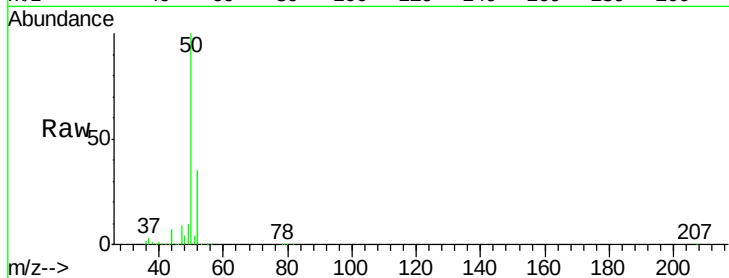
52 34.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.315 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019119.D

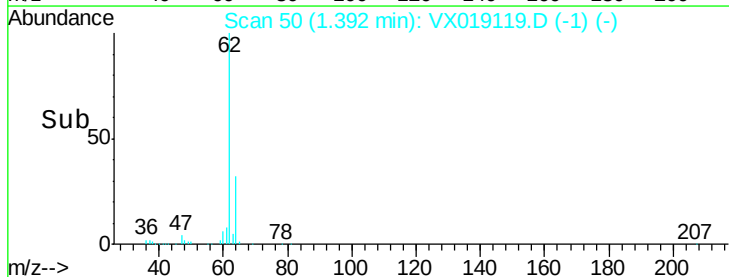
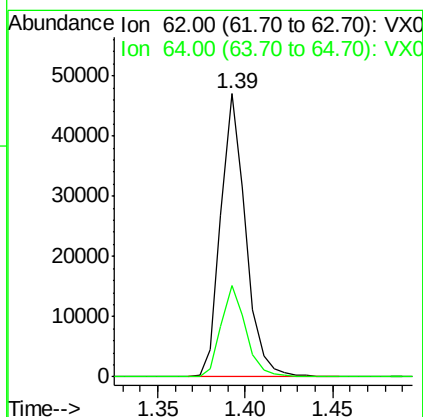
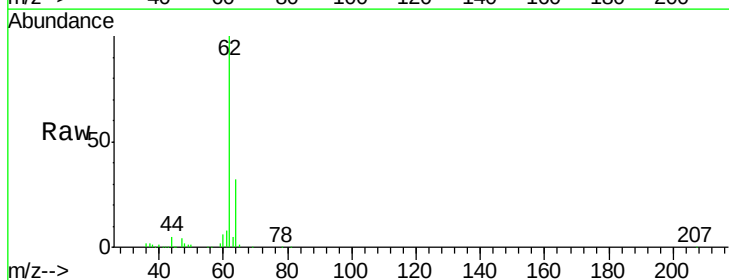
Acq: 26 Oct 2020 15:02

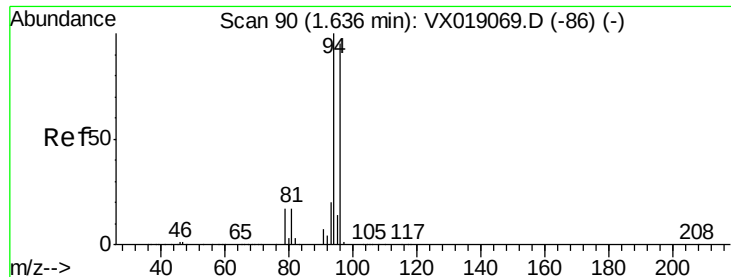
Tgt Ion: 62 Resp: 46685

Ion Ratio Lower Upper

62 100

64 32.3 26.7 40.1





#5

Bromomethane

Concen: 21.866 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 94 Resp: 42850

Ion Ratio Lower Upper

94 100

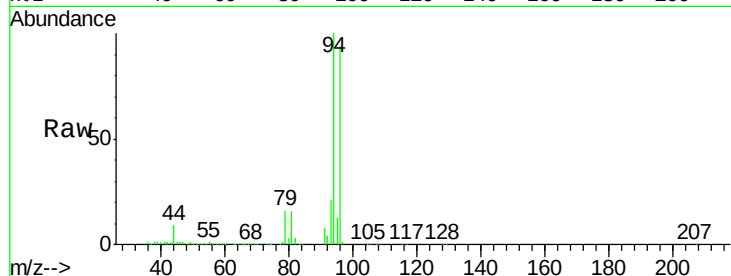
96 94.1 76.2 114.2

Manual Integrations

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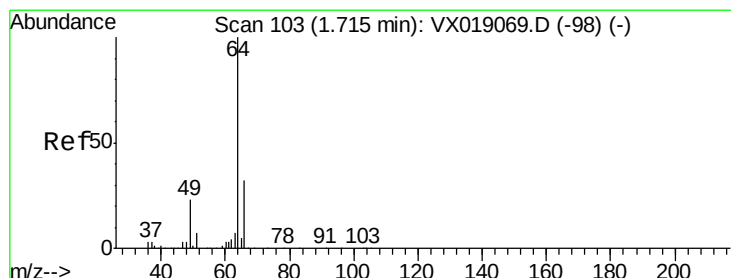
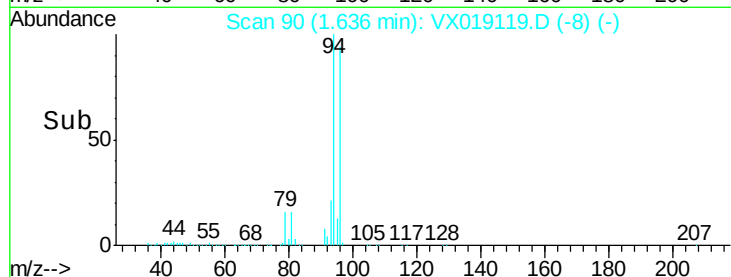
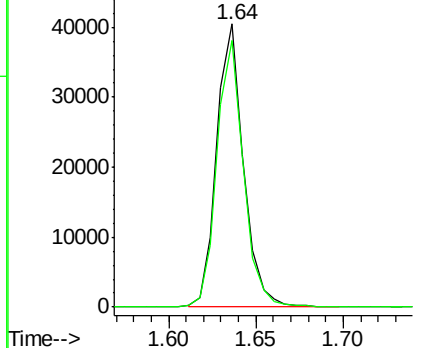
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.303 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019119.D

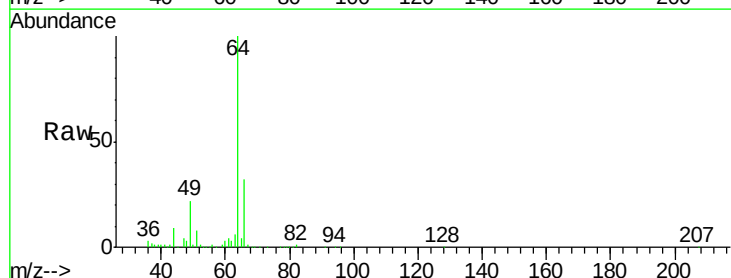
Acq: 26 Oct 2020 15:02

Tgt Ion: 64 Resp: 31615

Ion Ratio Lower Upper

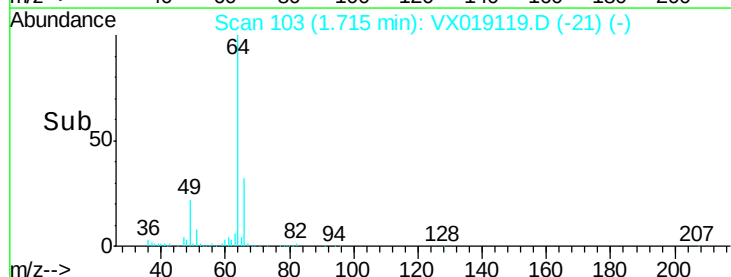
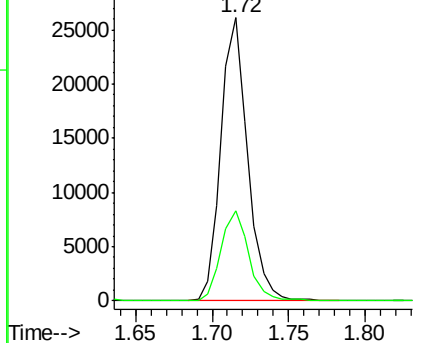
64 100

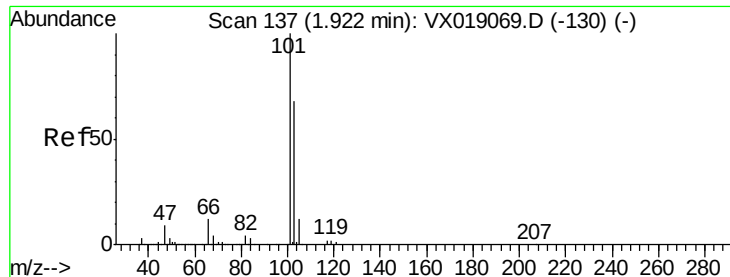
66 32.0 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

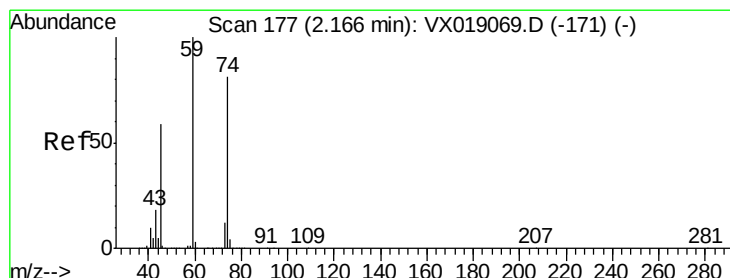
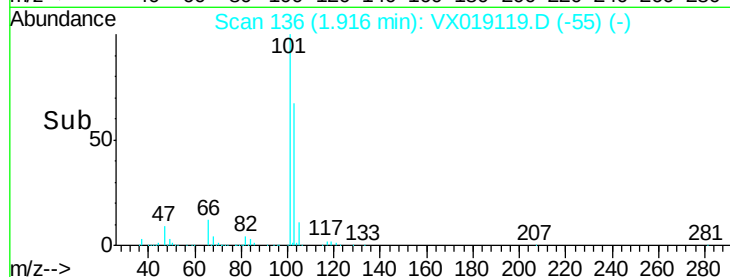
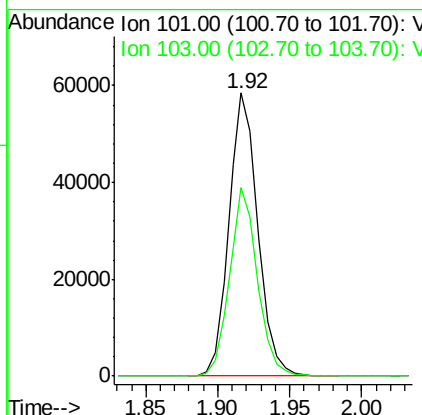
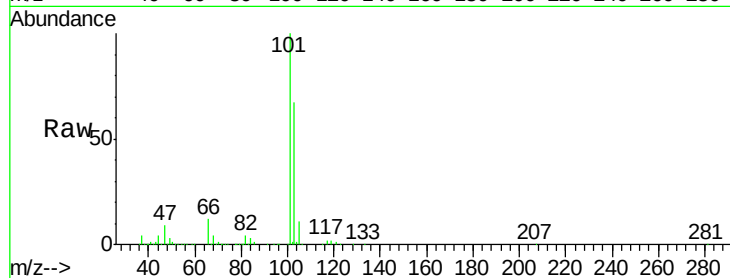
Trichlorofluoromethane
Concen: 18.505 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

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VX1026WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	54.2	81.4

Manual Integrations
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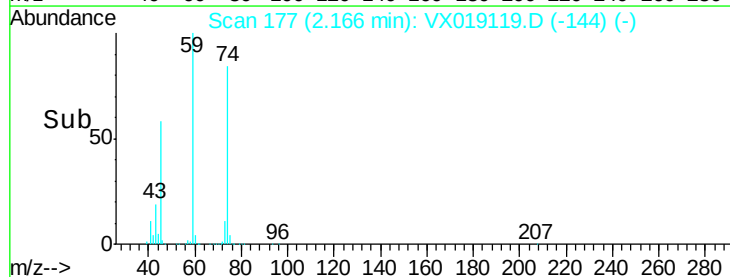
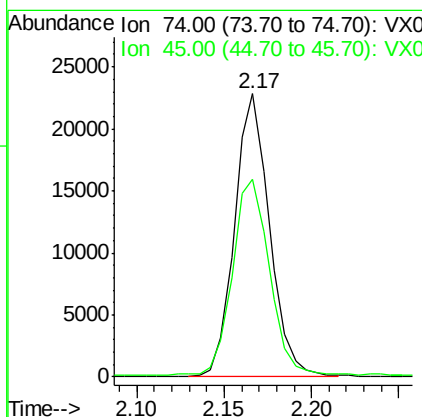
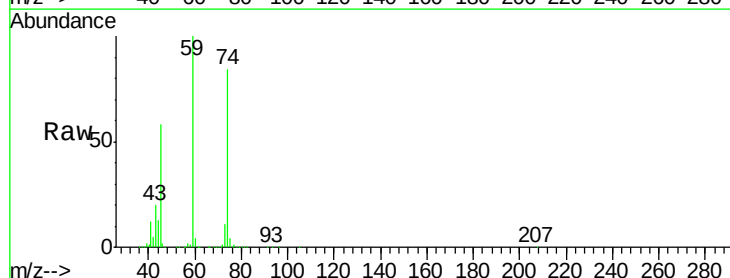
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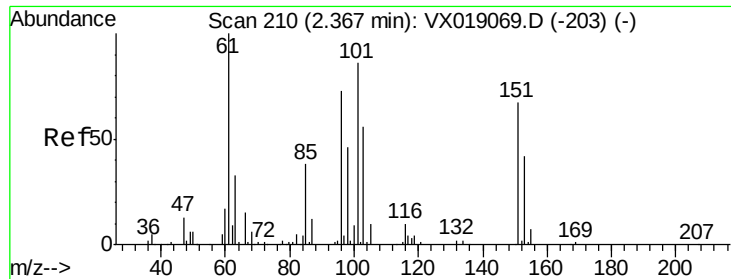


#8

Diethyl Ether
Concen: 19.110 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.5	14.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.847 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

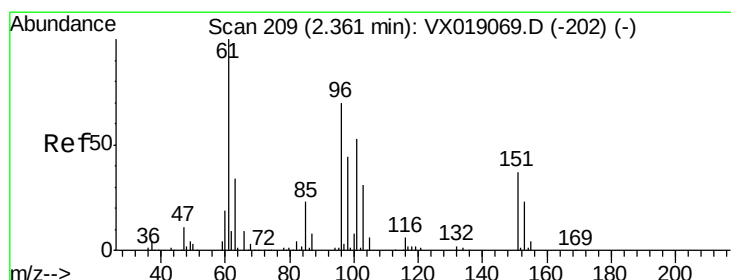
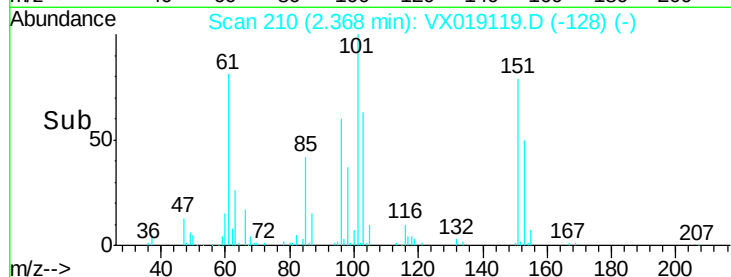
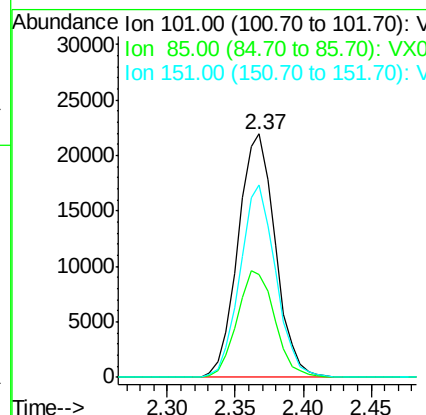
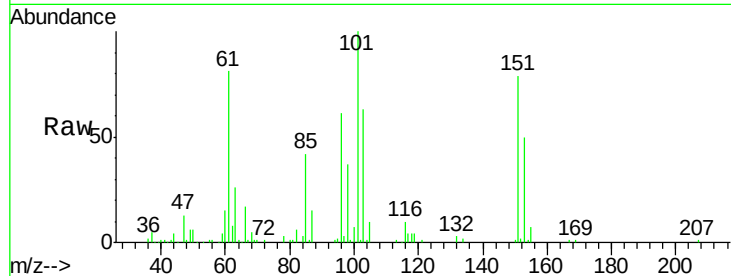
ClientSampleId :

VX1026WBS01

Tot Ion:	101	Resp:	42092
Ion Ratio	Lower	Upper	
101	100		
85	44.1	0.0	87.0
151	75.7	0.0	151.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.175 ug/l

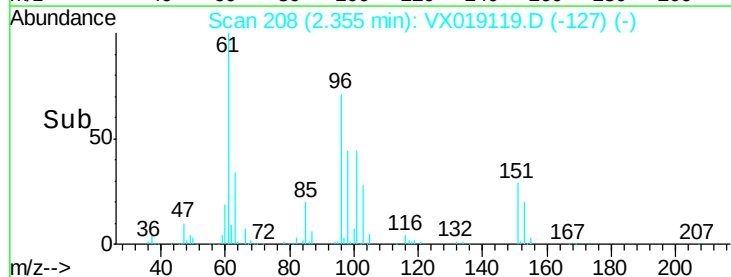
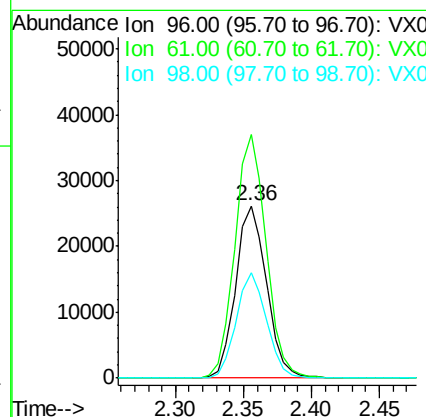
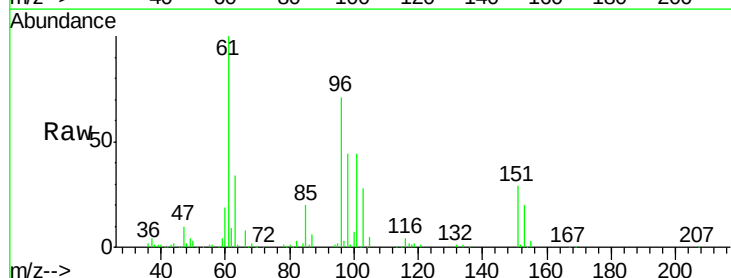
RT: 2.36 min Scan# 208

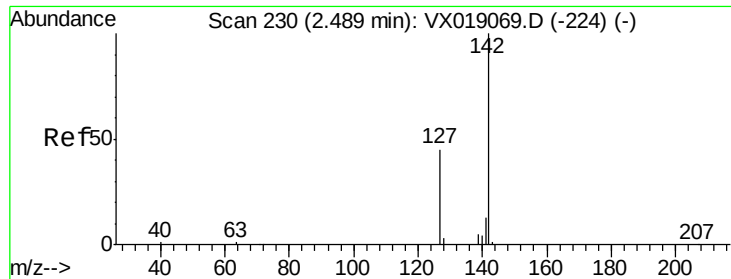
Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	96	Resp:	41342
Ion Ratio	Lower	Upper	
96	100		
61	141.3	113.8	170.8
98	61.5	50.4	75.6





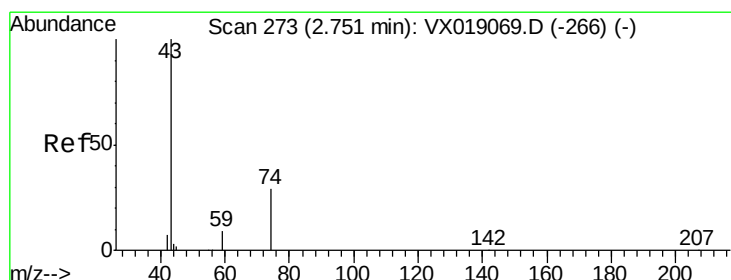
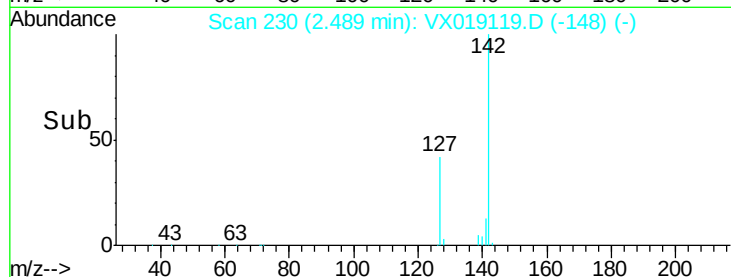
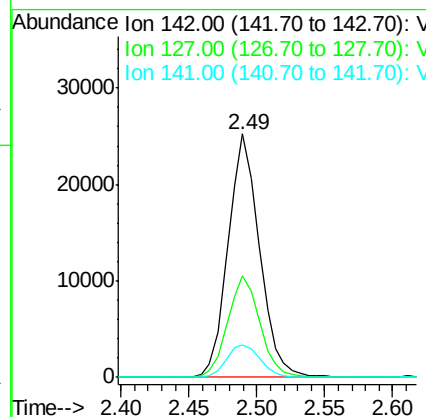
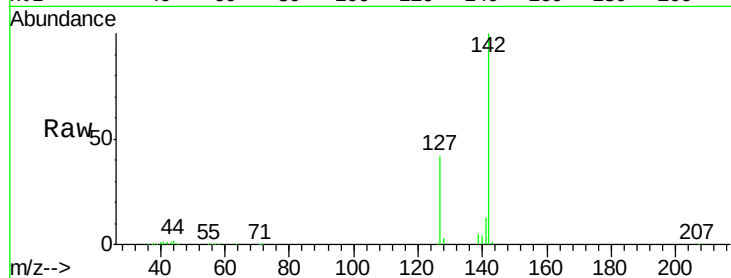
#11
Methvl Iodide
Concen: 21.672 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.6	22.6	67.7
141	13.2	6.3	19.1

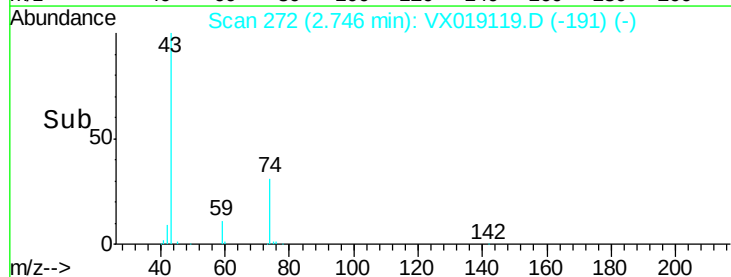
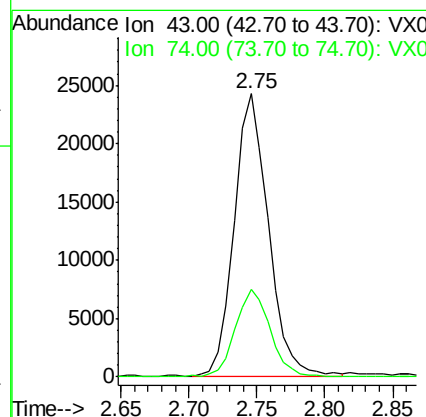
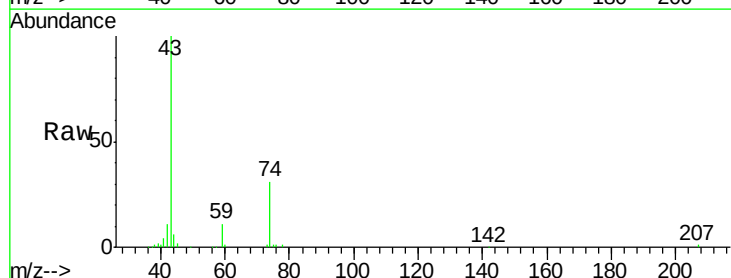
Manual Integrations
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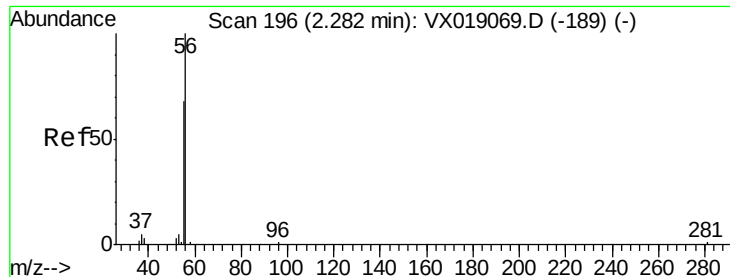
MMDadoda
10/27/2020 6:55:14 PM



#12
Methyl Acetate
Concen: 19.789 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.6	23.9	35.9





#13

Acrolein

Concen: 108.581 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 56 Resp: 21339

Ion Ratio Lower Upper

56 100

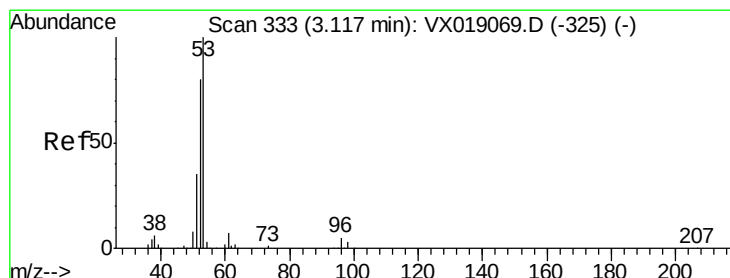
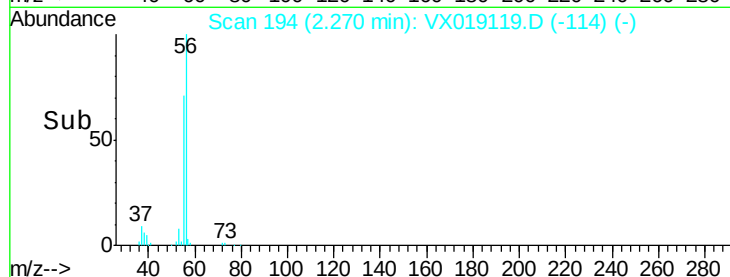
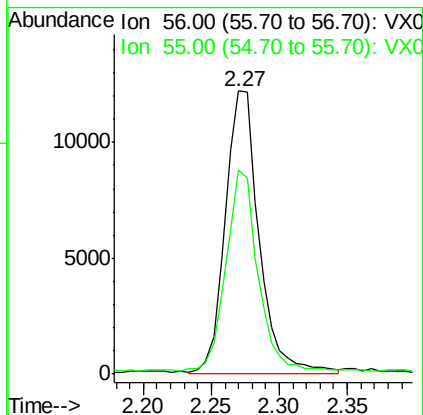
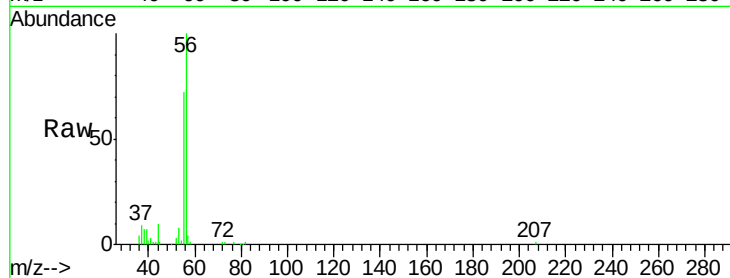
55 65.2 58.2 87.2

Manual Integrations

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#14

Acrylonitrile

Concen: 99.117 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

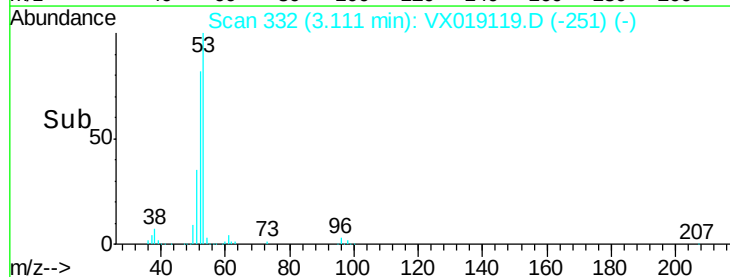
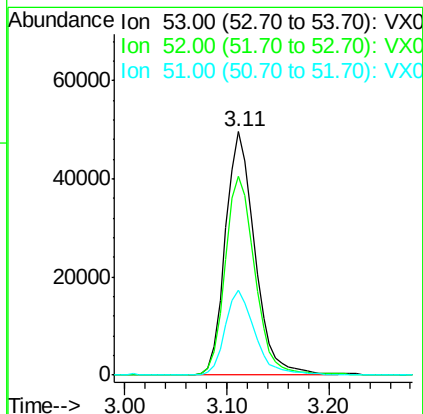
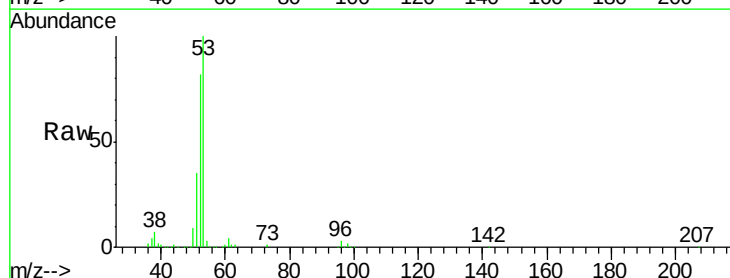
Tgt Ion: 53 Resp: 99387

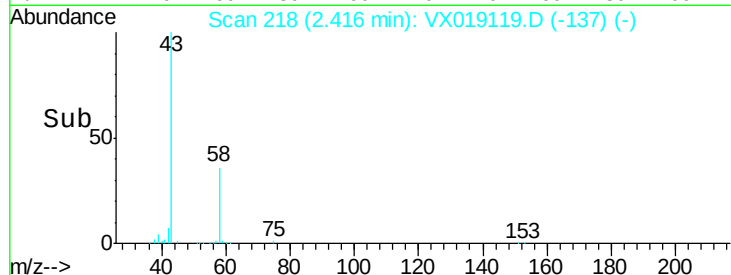
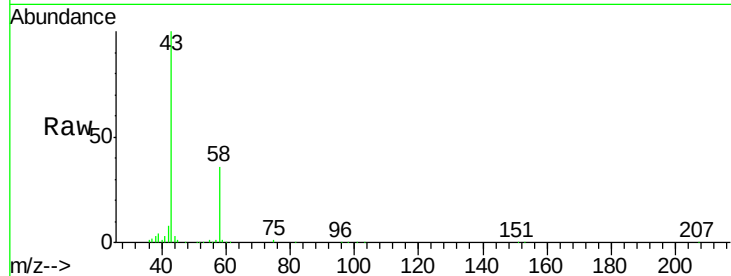
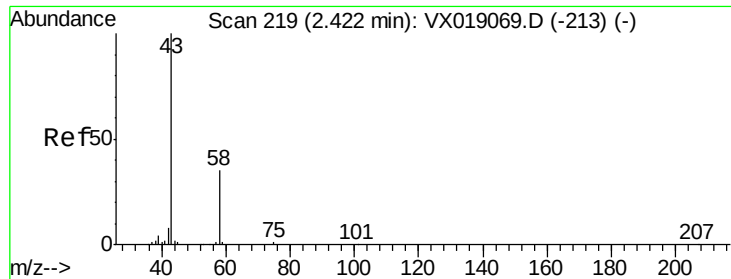
Ion Ratio Lower Upper

53 100

52 81.8 41.0 123.0

51 35.3 18.2 54.6





#15

Acetone

Concen: 112.002 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tot Ion: 58 Resp: 32172

Ion Ratio Lower Upper

58 100

43 276.5 226.7 340.1

Instrument :

MSVOA_X

ClientSampled :

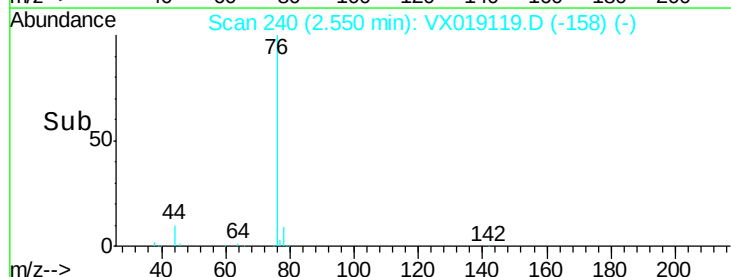
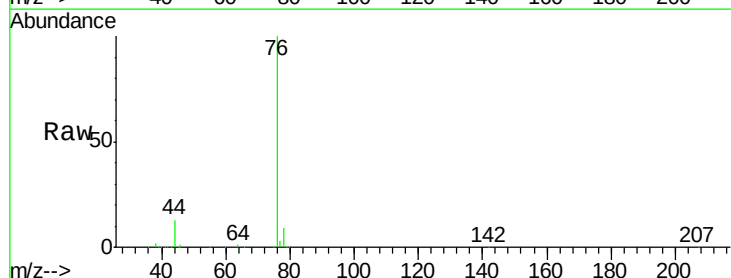
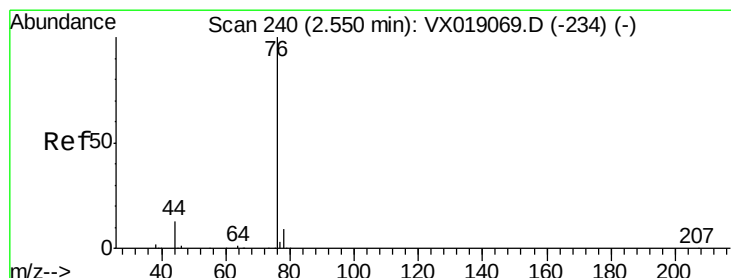
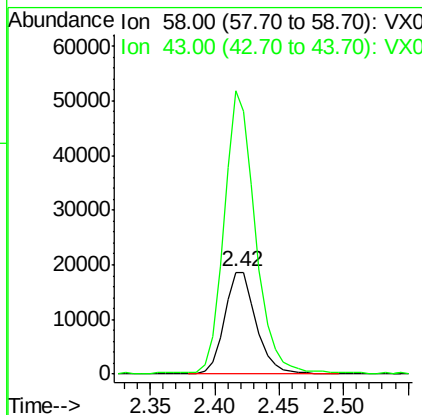
VX1026WBS01

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#16

Carbon Disulfide

Concen: 15.898 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019119.D

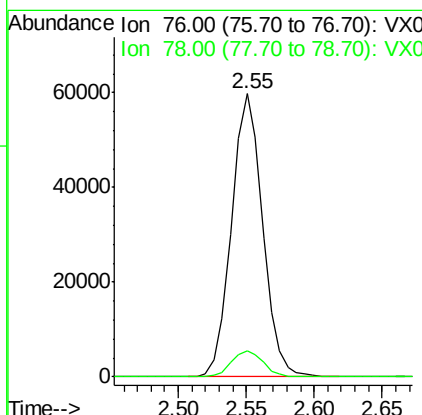
Acq: 26 Oct 2020 15:02

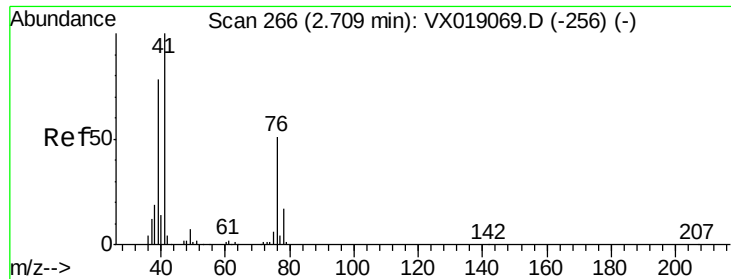
Tgt Ion: 76 Resp: 95271

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





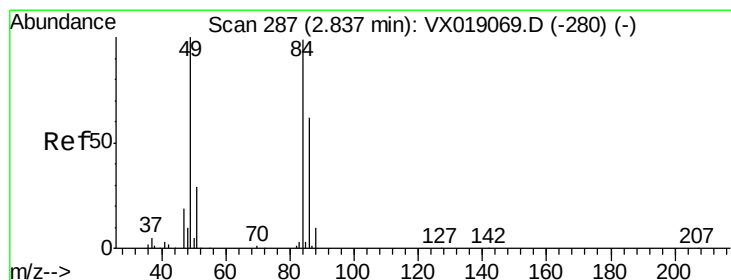
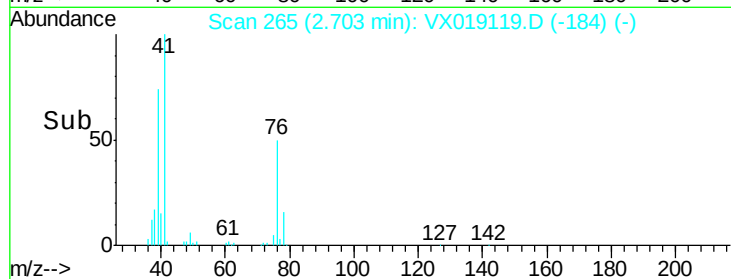
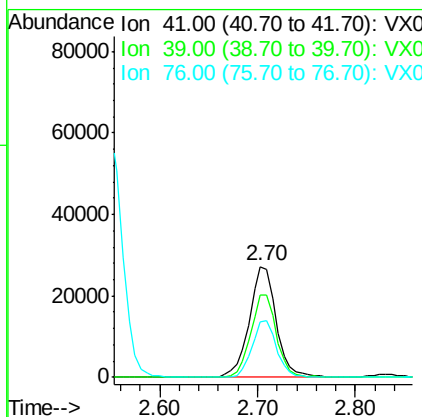
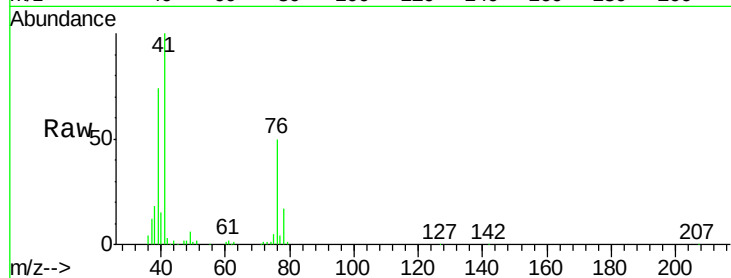
#17
Allvl chloride
Concen: 19.456 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.9	38.8	116.3
76	49.7	25.8	77.4

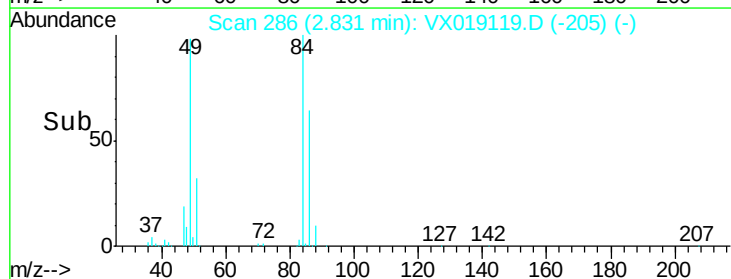
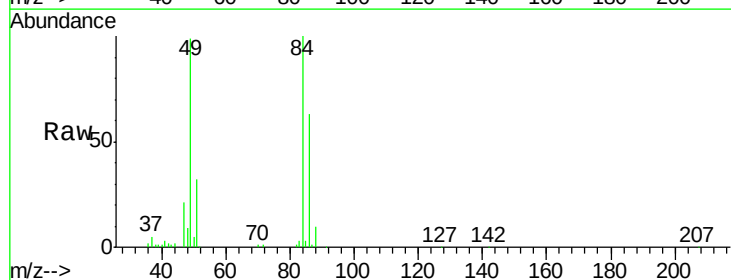
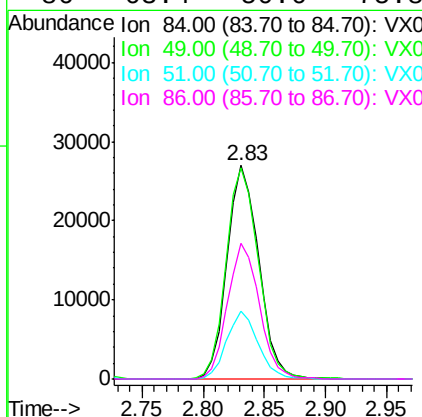
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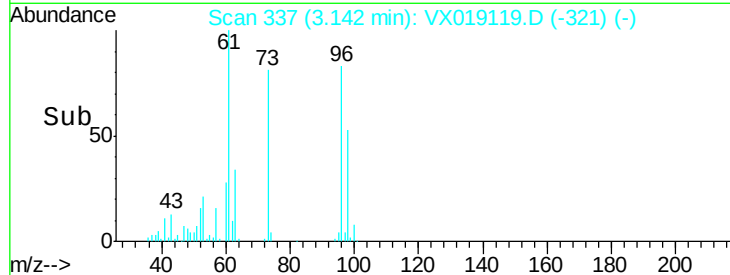
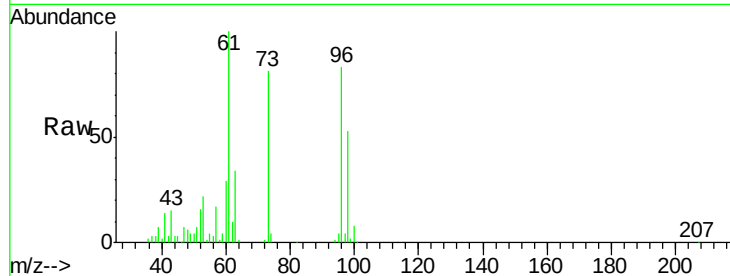
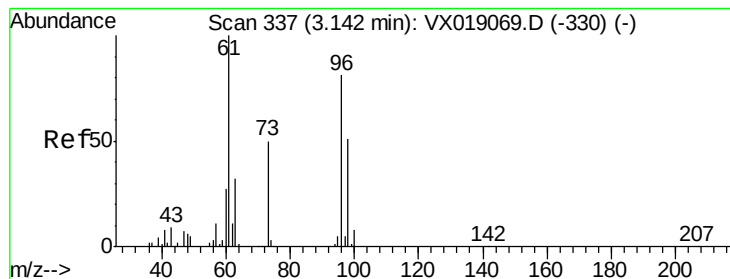
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#18
Methylene Chloride
Concen: 19.699 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.7	80.9	121.3
51	31.8	23.8	35.6
86	63.4	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 18.460 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019119.D

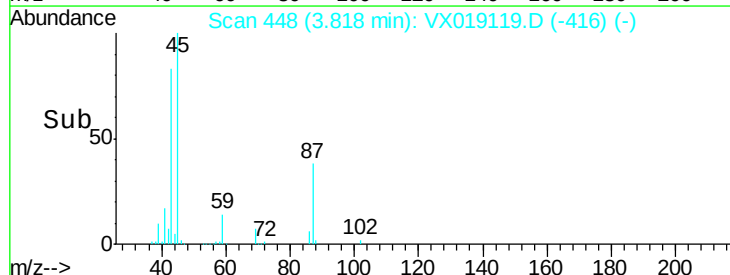
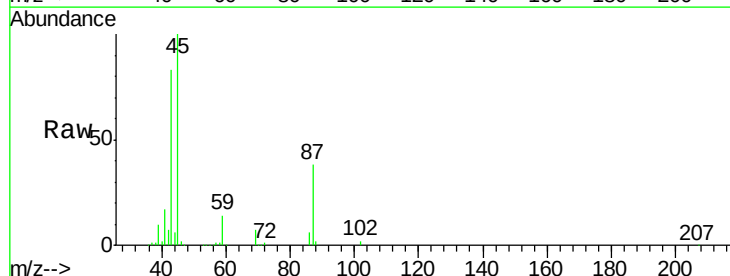
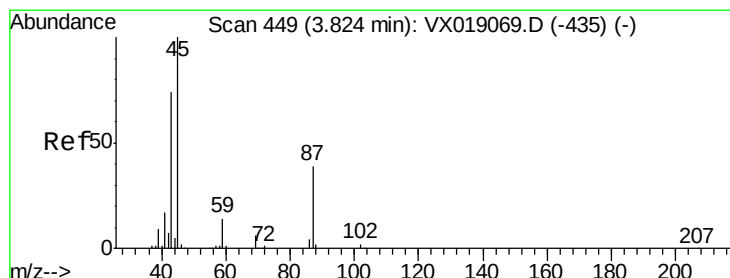
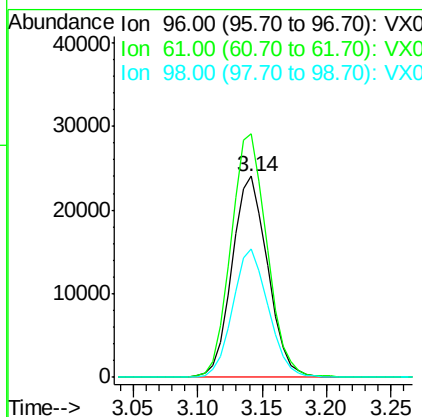
Acq: 26 Oct 2020 15:02

Tot Ion:	96	Resp:	46484
Ion	Ratio	Lower	Upper
96	100		
61	120.9	98.4	147.6
98	63.9	49.9	74.9

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

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#20

Diisopropyl ether

Concen: 19.430 ug/l

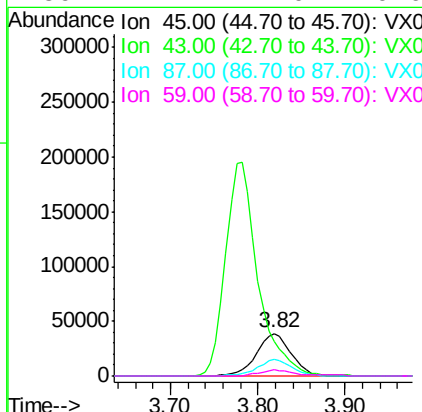
RT: 3.82 min Scan# 448

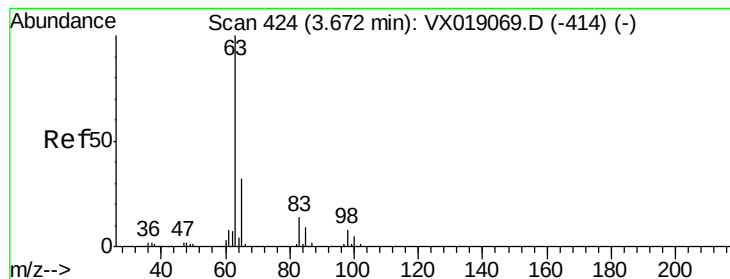
Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	45	Resp:	106008
Ion	Ratio	Lower	Upper
45	100		
43	82.7	60.6	91.0
87	38.0	30.9	46.3
59	14.1	11.0	16.6





#21

1,1-Dichloroethane

Concen: 19.276 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

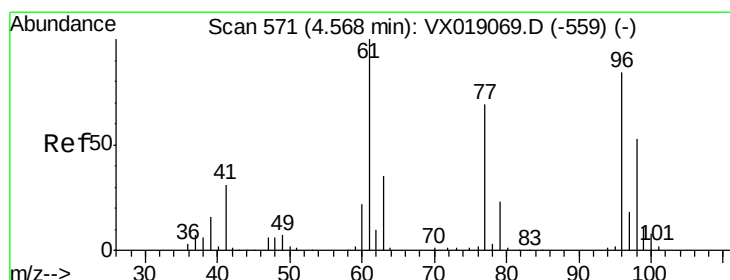
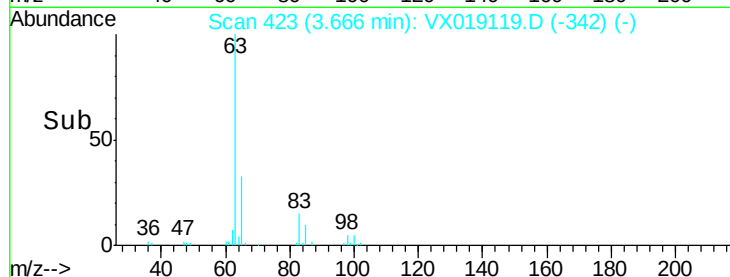
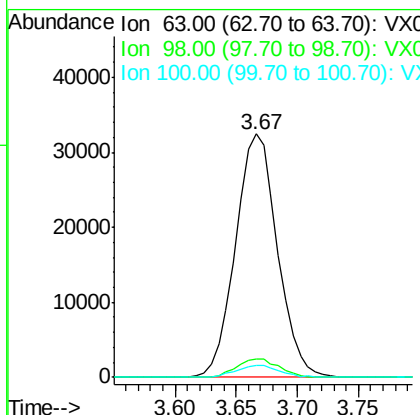
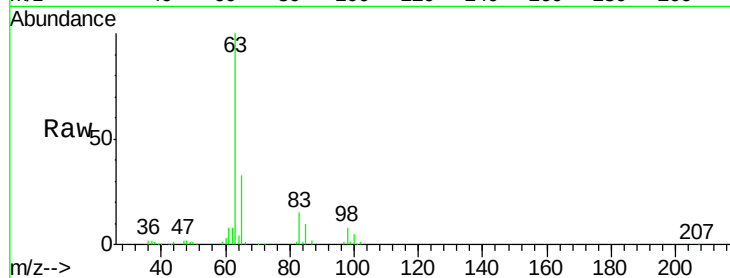
ClientSampleId :

VX1026WBS01

Tot Ion:	63	Resp:	77211
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.9	11.7
100	5.0	2.4	7.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.006 ug/l

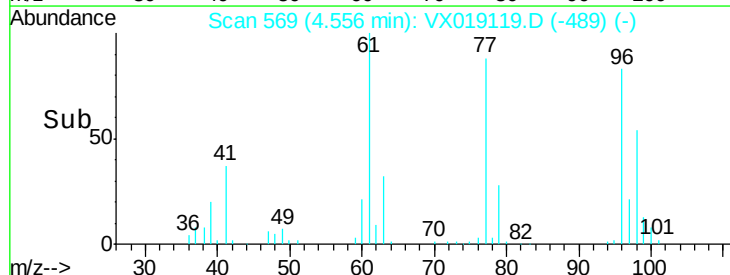
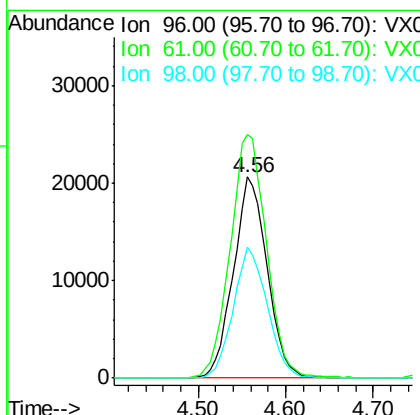
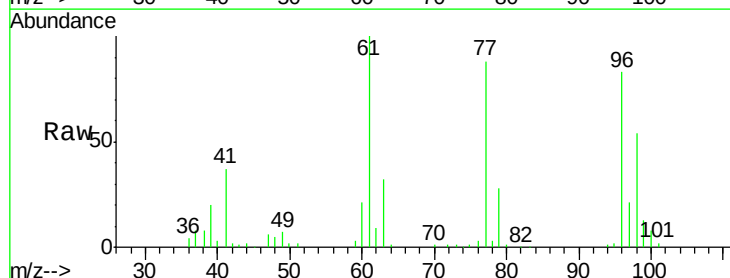
RT: 4.56 min Scan# 569

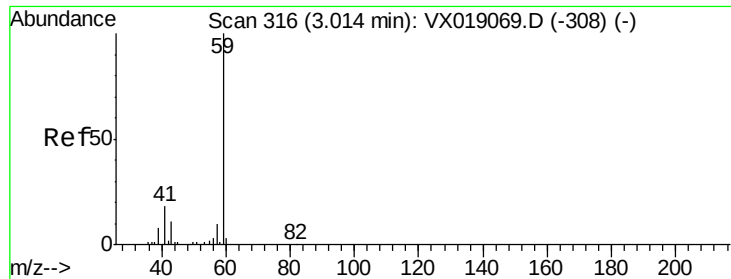
Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	96	Resp:	55438
Ion Ratio	Lower	Upper	
96	100		
61	129.8	101.9	152.9
98	65.4	51.3	76.9





#23

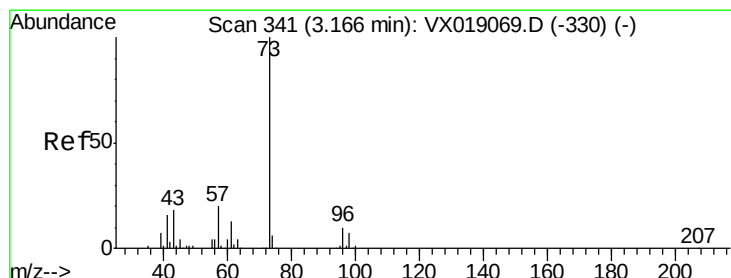
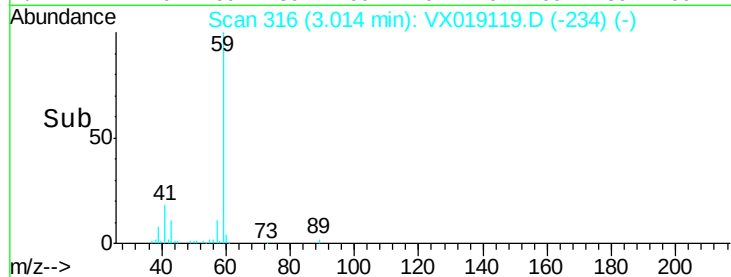
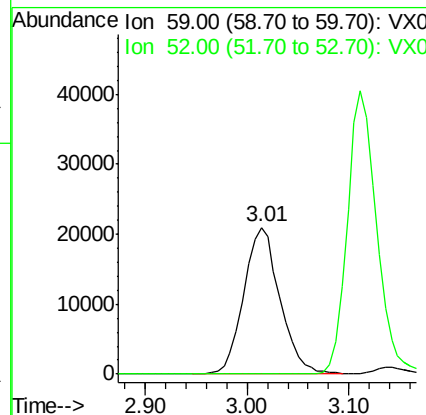
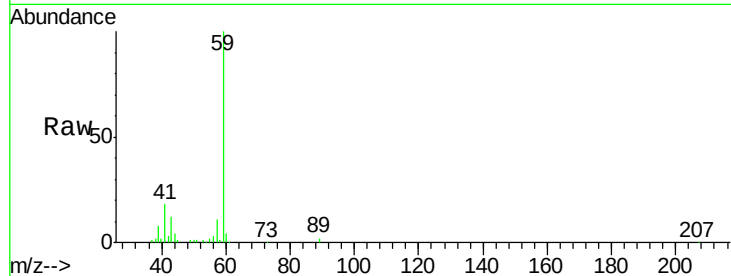
tert-Butyl Alcohol
 Concen: 106.361 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion: 59 Resp: 51705
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#

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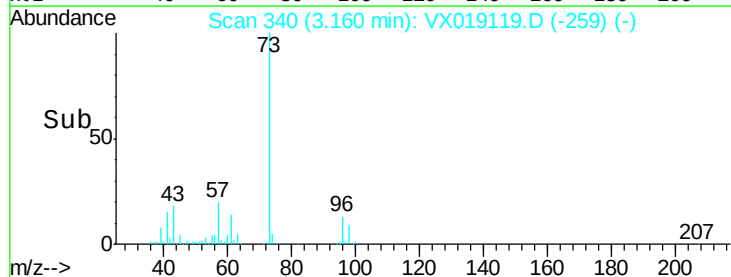
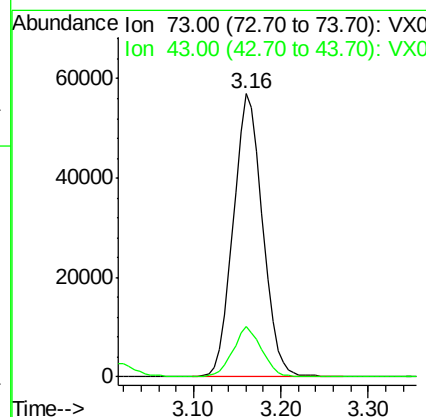
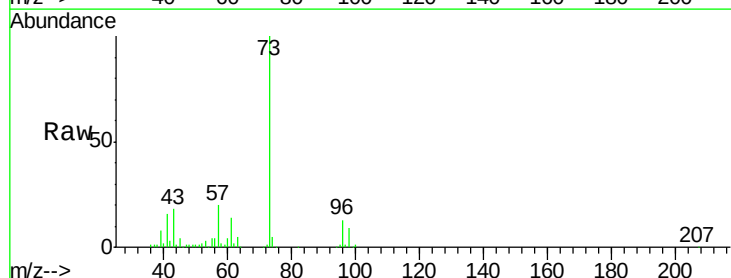
MMDadoda
 10/27/2020 6:55:14 PM

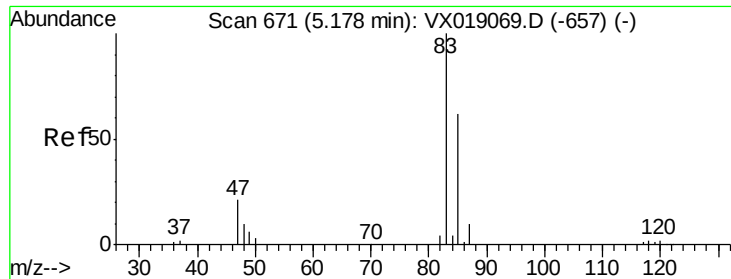


#24

Methyl tert-Butyl Ether
 Concen: 19.508 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion: 73 Resp: 132994
 Ion Ratio Lower Upper
 73 100
 43 17.3 13.9 20.9





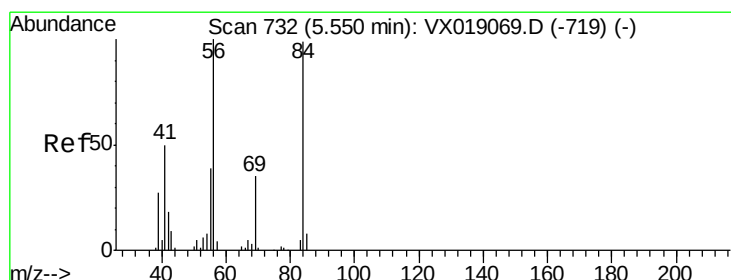
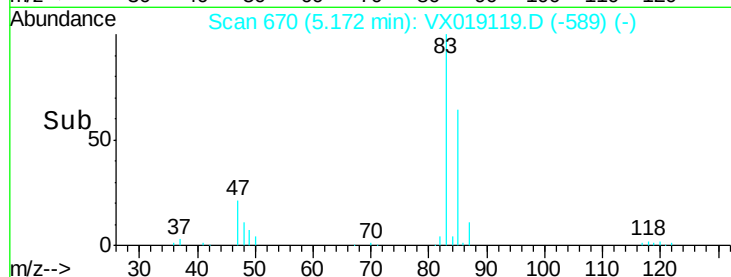
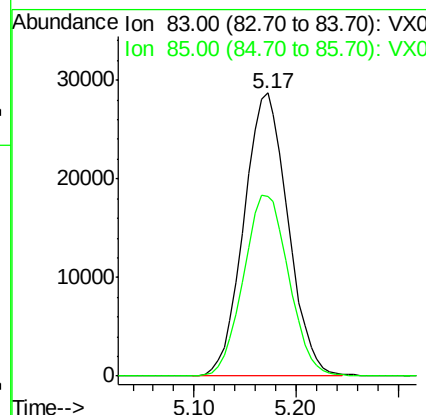
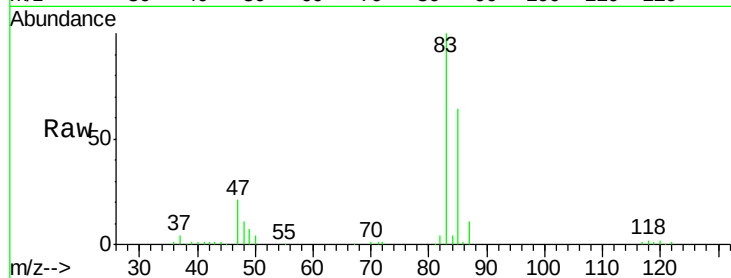
#25
Chloroform
Concen: 19.428 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	83	Resp	86227
Ion Ratio	100	Lower	Upper
85	63.5	49.8	74.8

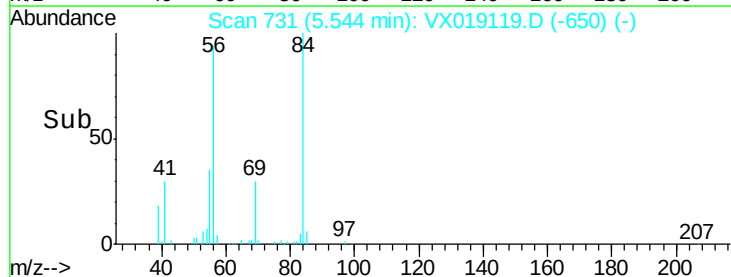
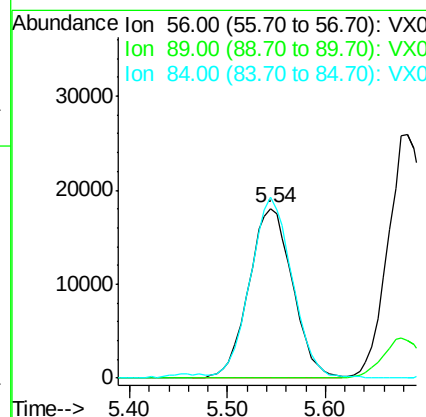
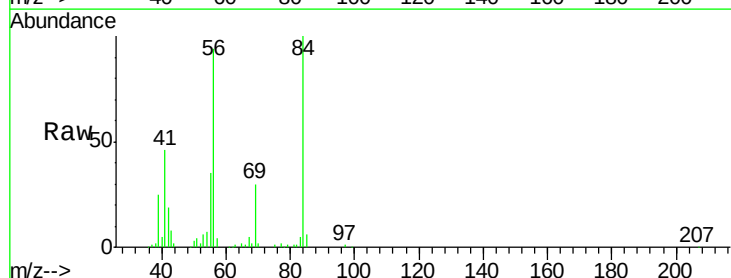
Manual Integrations
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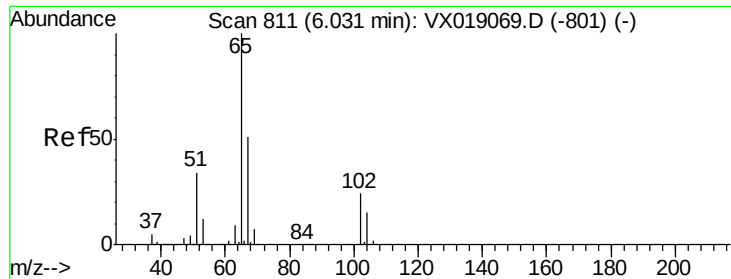
MMDadoda
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#26
Cyclohexane
Concen: 18.022 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	56	Resp	56097
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	102.5	83.7	125.5





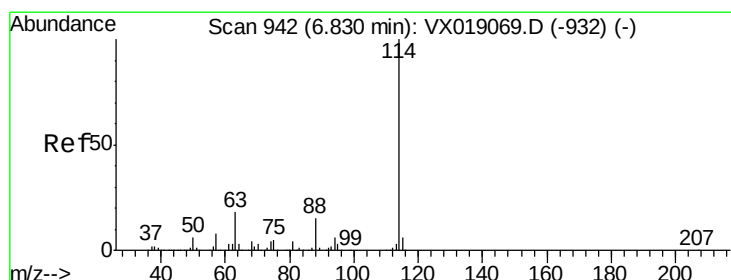
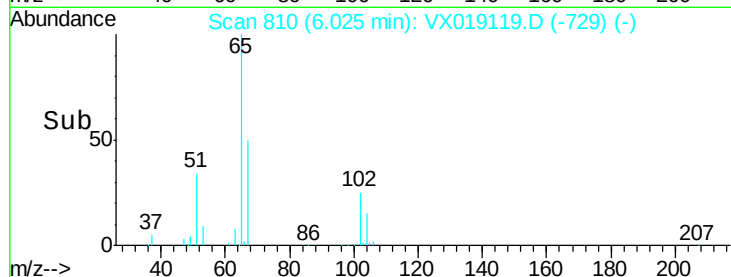
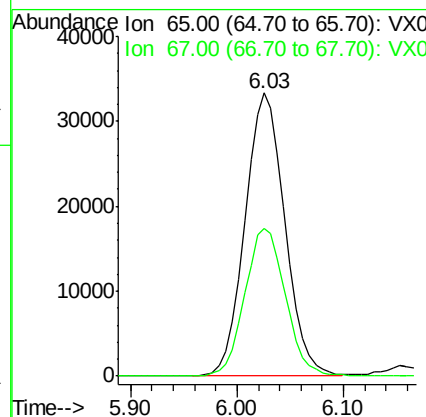
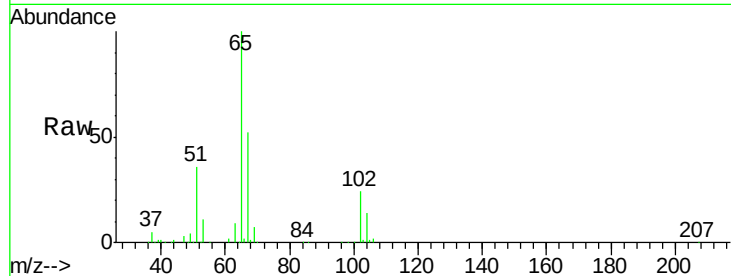
#27
 1,2-Dichloroethane-d4
 Concen: 30.706 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	42.0	63.0

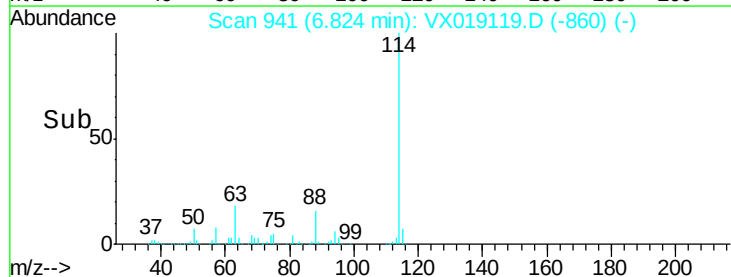
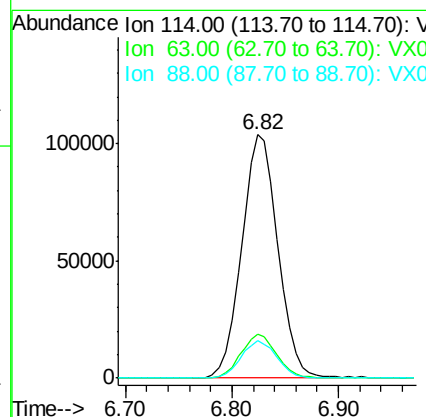
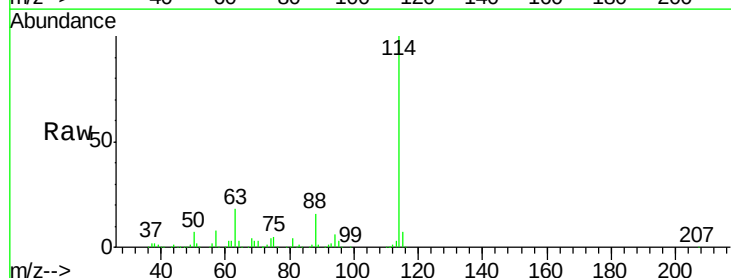
Manual Integrations
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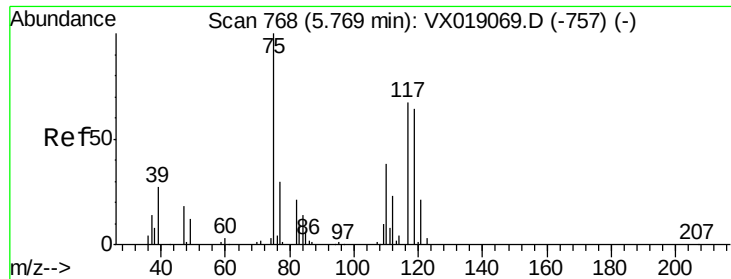
MMDadoda
 10/27/2020 6:55:14 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	14.6	21.8
88	15.3	12.2	18.2





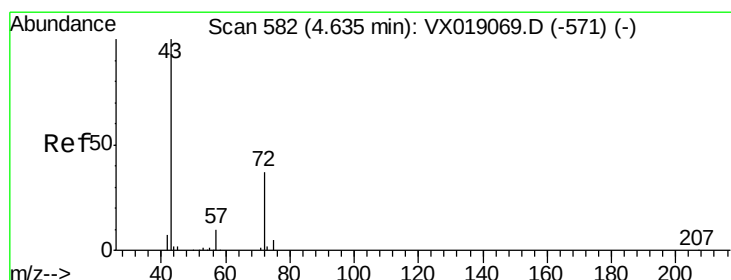
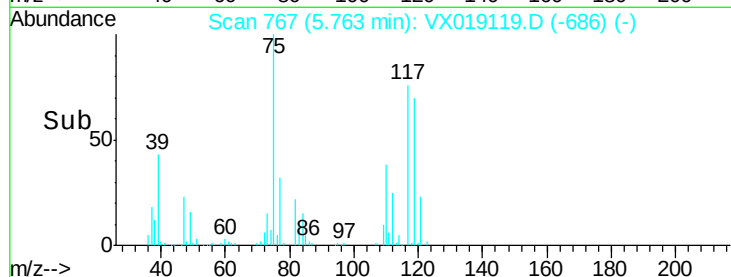
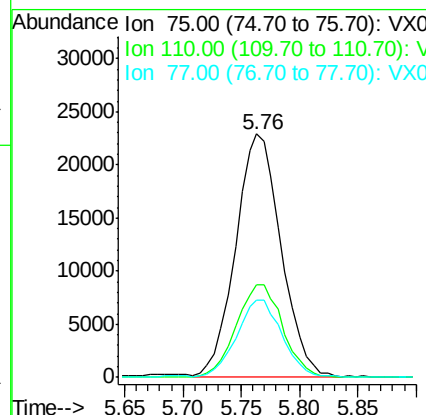
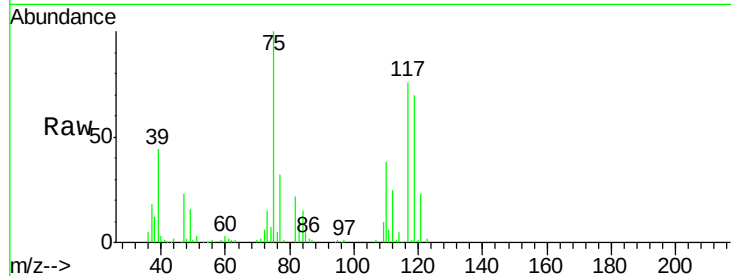
#29
 1,1-Dichloropropene
 Concen: 17.686 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	77.4
77	32.2	0.0	62.8

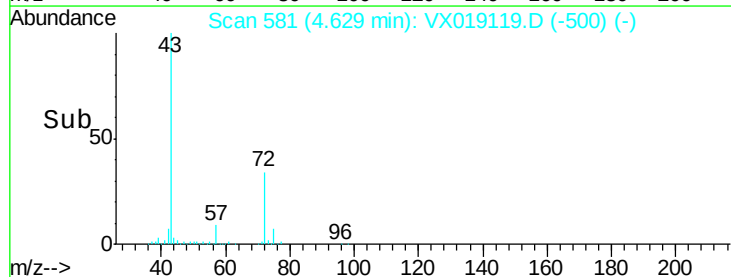
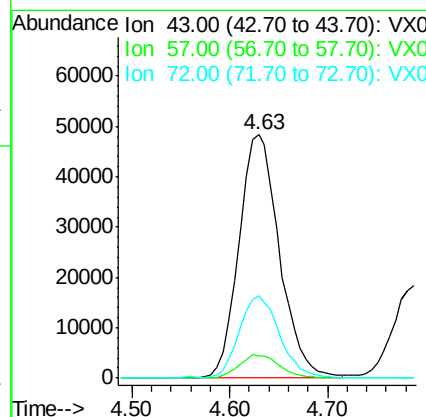
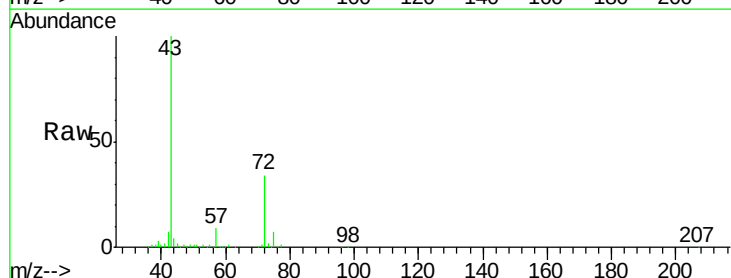
Manual Integrations
 APPROVED

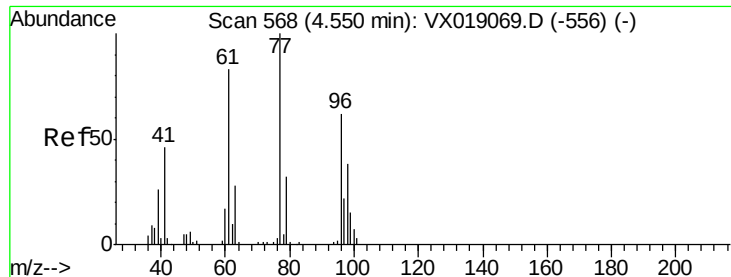
MMDadoda
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#30
 2-Butanone
 Concen: 99.029 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	34.1	28.1	42.1





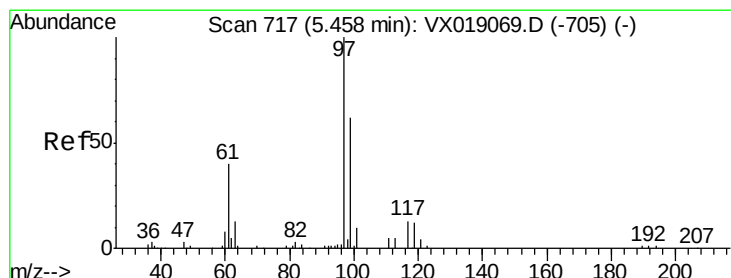
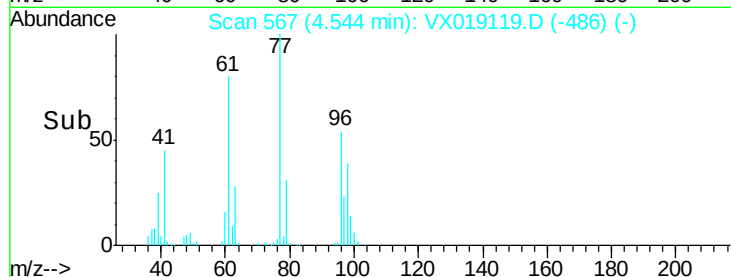
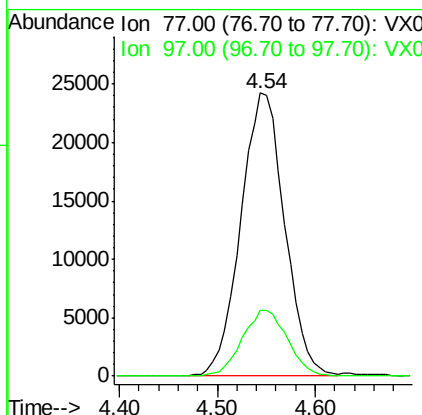
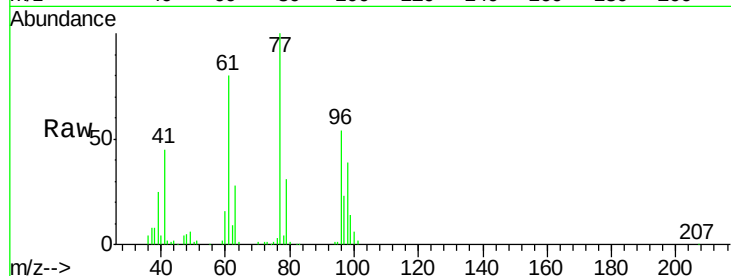
#31
 2,2-Dichloropropane
 Concen: 18.914 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion: 77 Resp: 75483
 Ion Ratio Lower Upper
 77 100
 97 23.8 19.2 28.8

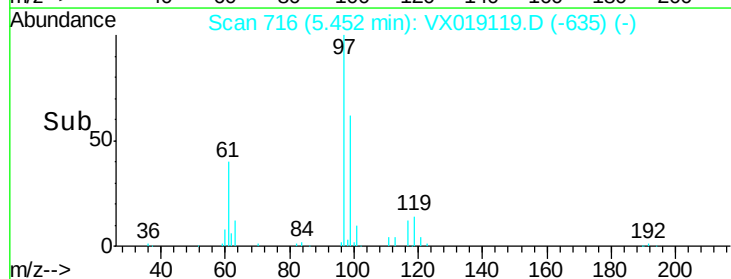
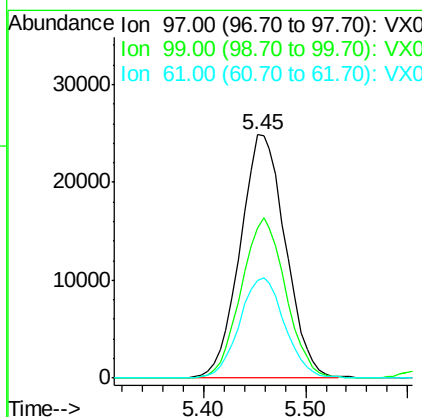
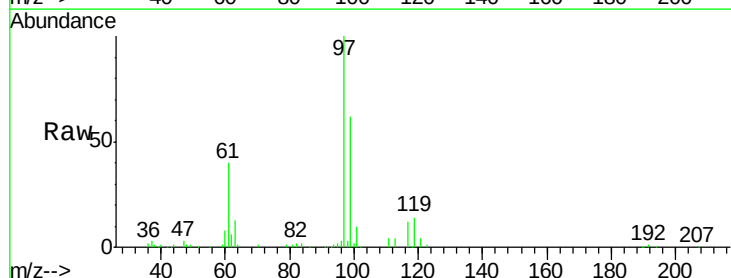
Manual Integrations
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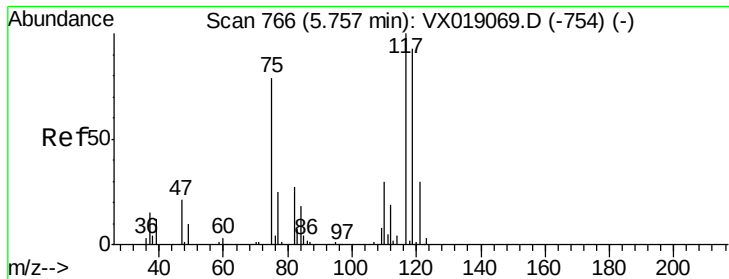
MMDadoda
 10/27/2020 6:55:14 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.366 ug/l
 RT: 5.45 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion: 97 Resp: 76996
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.6
 61 40.8 32.0 48.0





#33

Carbon Tetrachloride

Concen: 18.033 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019119.D

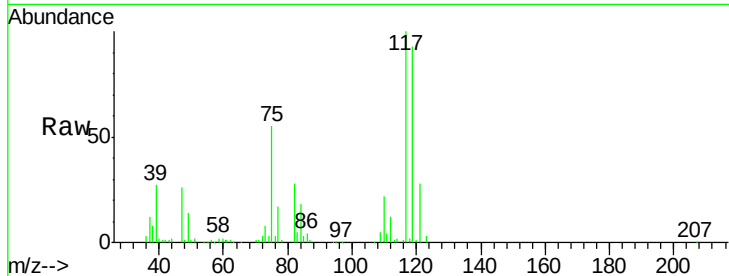
Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

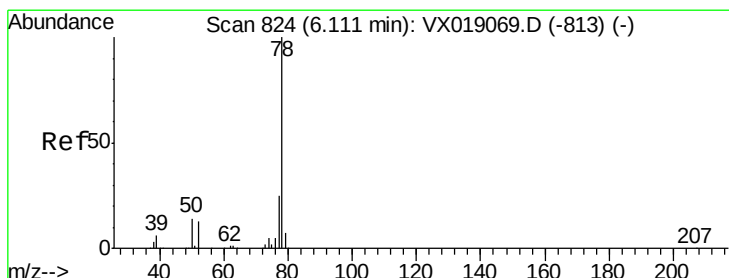
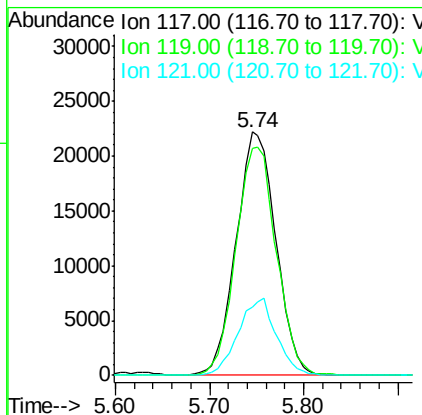
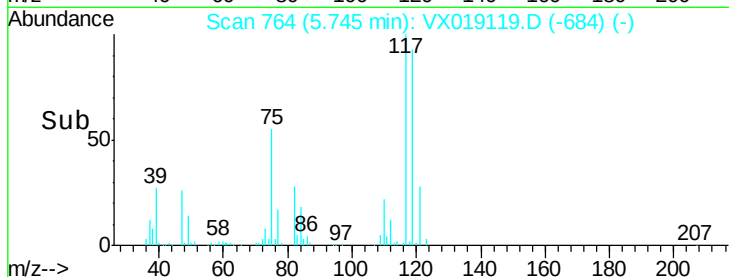
VX1026WBS01



Tot Ion:	117	Resp:	65607
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.5	111.7
121	28.0	24.1	36.1

Manual Integrations
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#34

Benzene

Concen: 18.364 ug/l

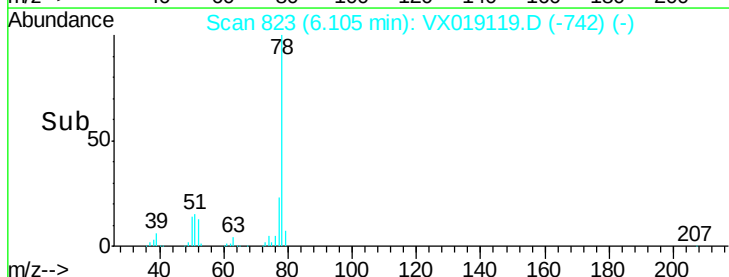
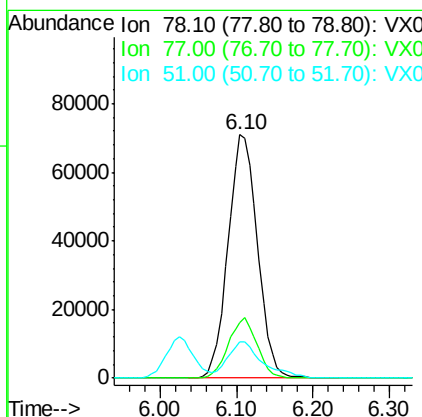
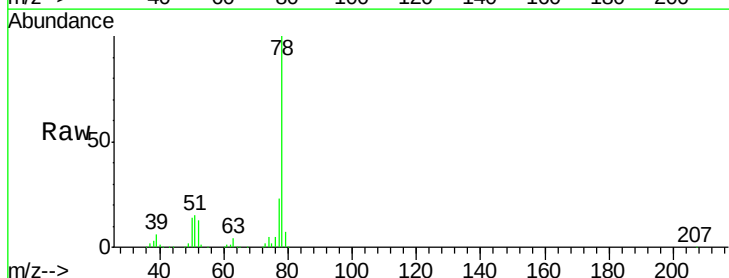
RT: 6.10 min Scan# 823

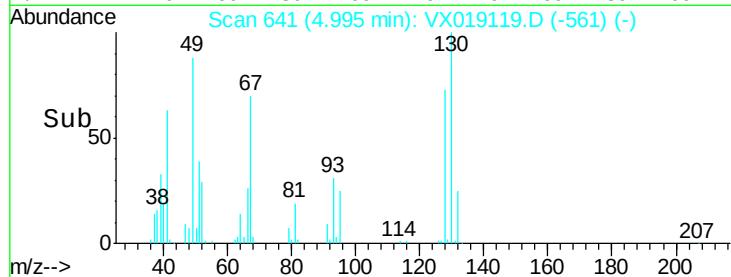
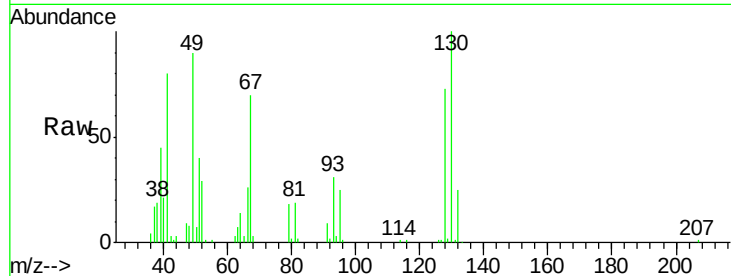
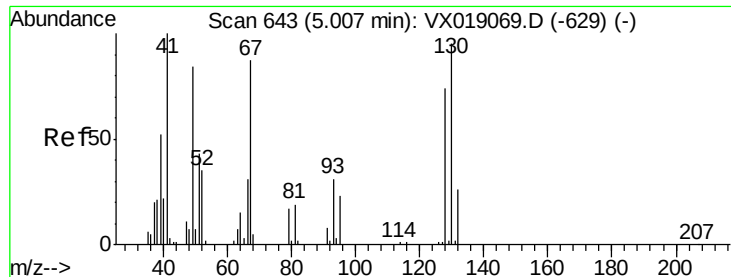
Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	78	Resp:	188460
Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.1	30.1
51	15.1	11.0	16.4





#35

Methacrylonitrile

Concen: 19.056 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28665		
39	56.3	25.8	77.4		
67	87.7	43.6	130.8		
52	35.9	17.3	51.7		

Instrument :

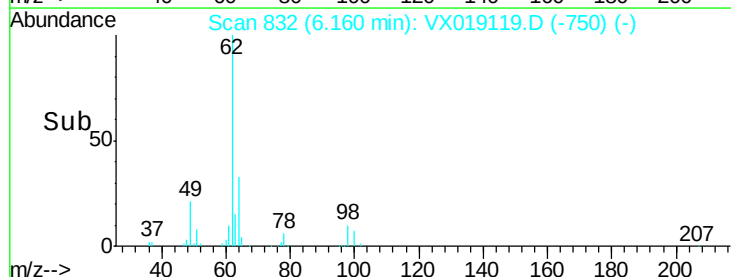
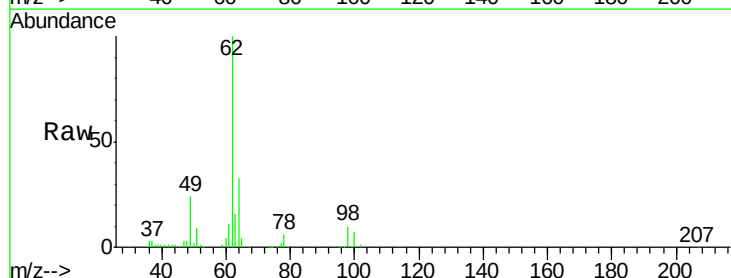
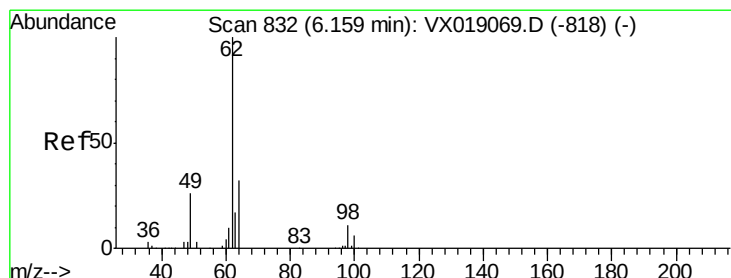
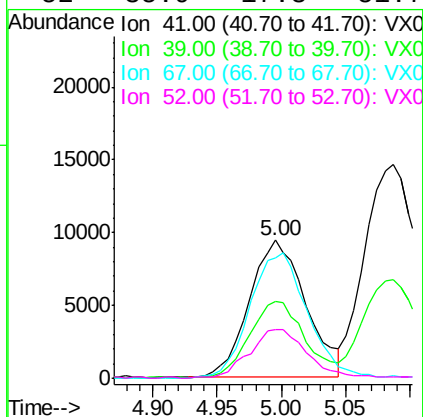
MSVOA_X

ClientSampleId :

VX1026WBS01

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#36

1,2-Dichloroethane

Concen: 18.541 ug/l

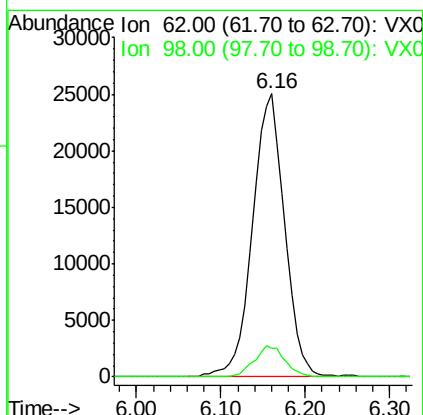
RT: 6.16 min Scan# 832

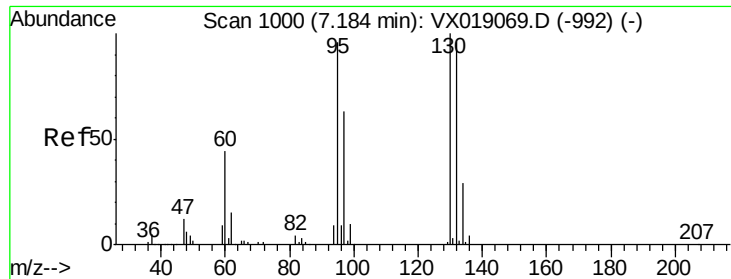
Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		65274		
98	10.6	8.4	12.6		





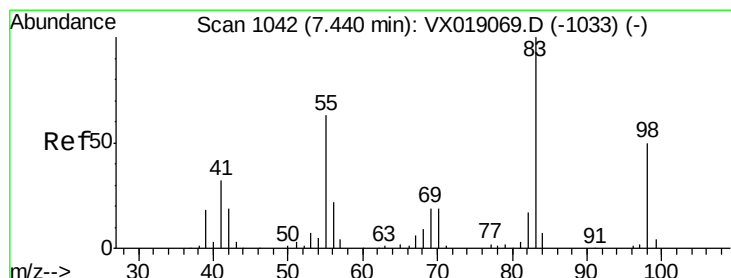
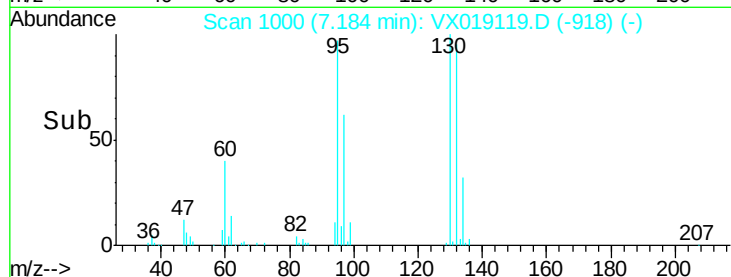
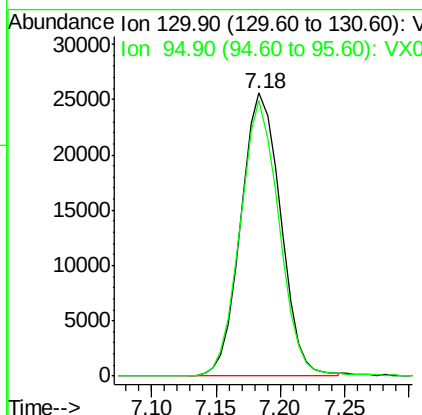
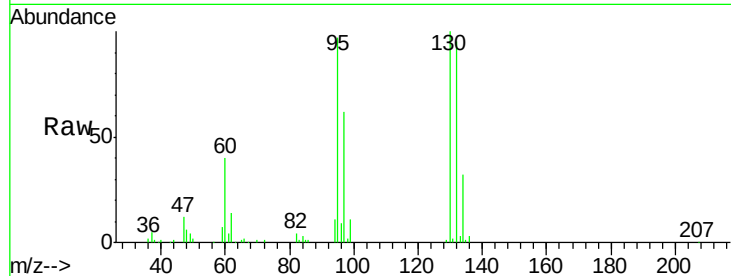
#37
 Trichloroethene
 Concen: 18.604 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion:130 Resp: 54880
 Ion Ratio Lower Upper
 130 100
 95 97.2 76.8 115.2

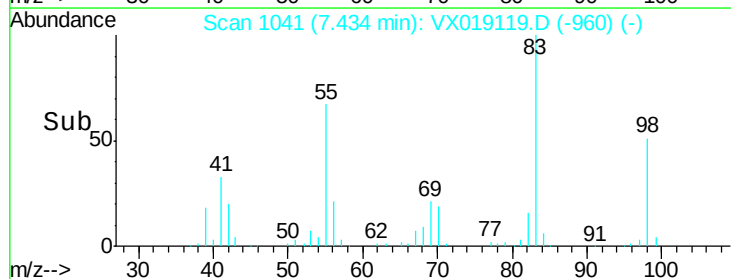
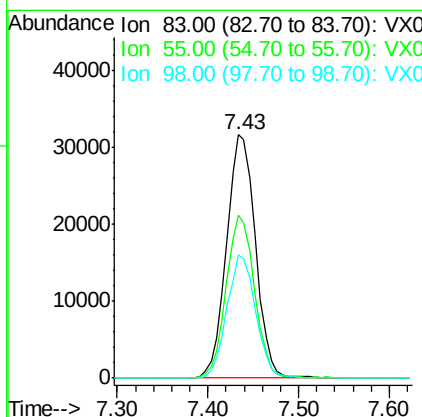
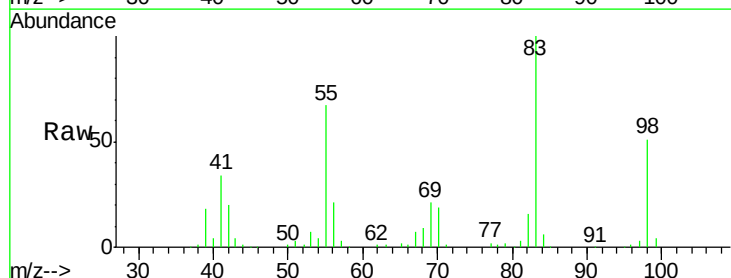
Manual Integrations
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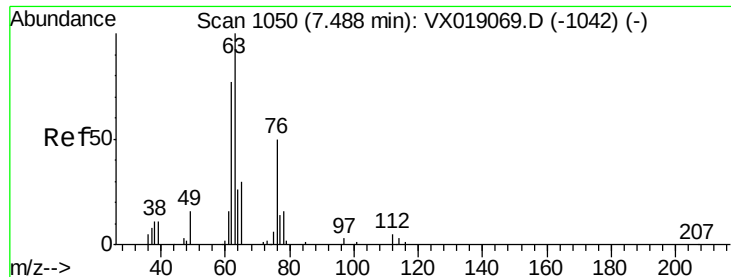
MMDadoda
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#38
 Methylcyclohexane
 Concen: 17.968 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion: 83 Resp: 70250
 Ion Ratio Lower Upper
 83 100
 55 65.2 32.3 96.8
 98 50.3 25.7 77.1





#39

1,2-Dichloropropane

Concen: 19.099 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 63 Resp: 45498

Ion Ratio Lower Upper

63 100

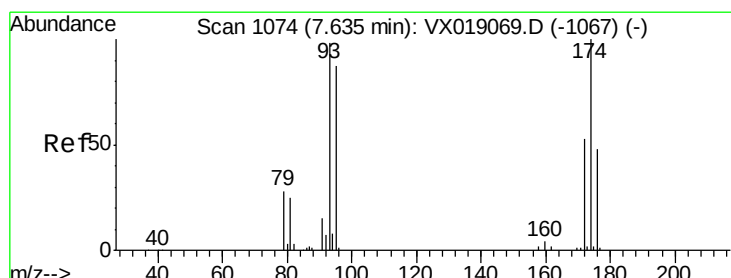
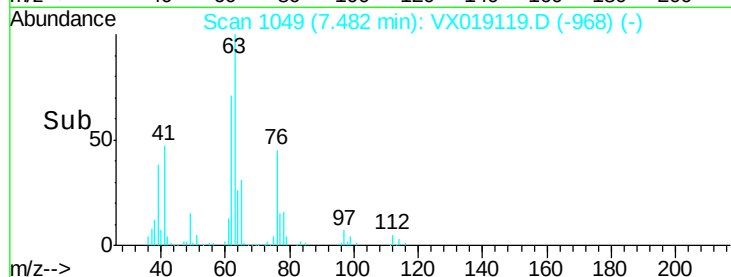
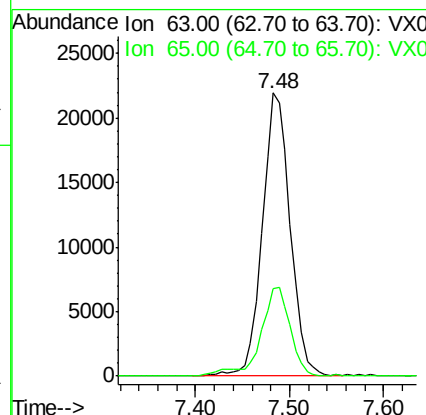
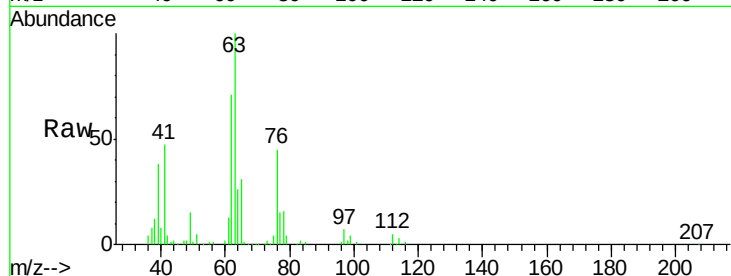
65 30.7 25.8 38.8

Manual Integrations

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#40

Dibromomethane

Concen: 18.691 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

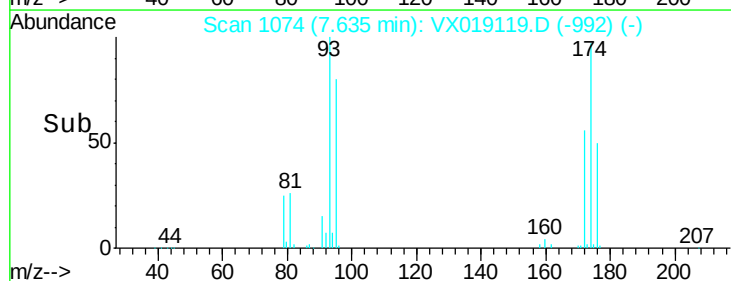
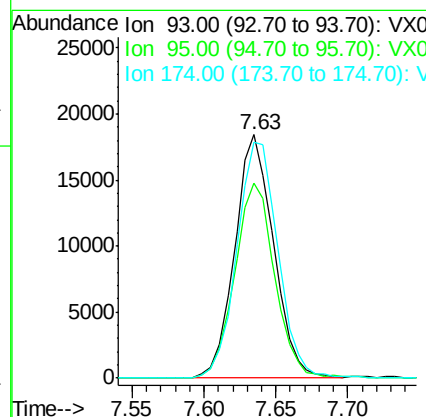
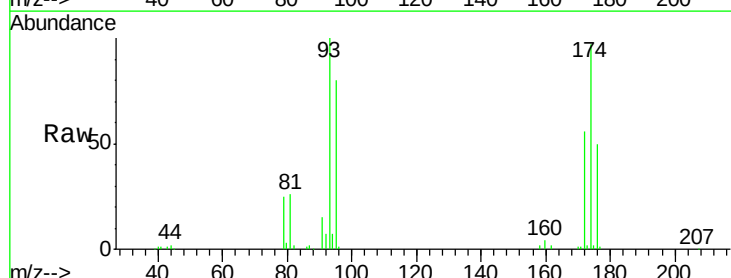
Tgt Ion: 93 Resp: 34557

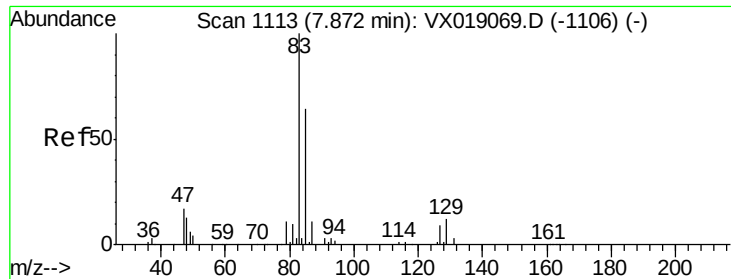
Ion Ratio Lower Upper

93 100

95 82.3 0.0 169.0

174 102.3 0.0 205.4





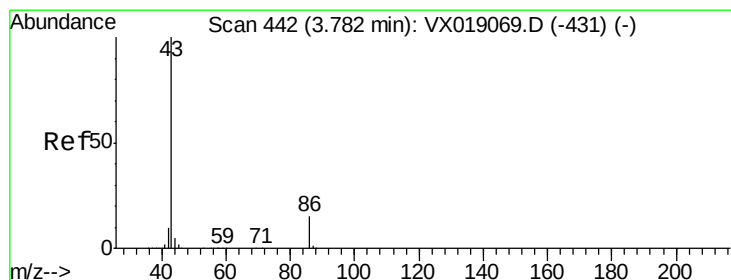
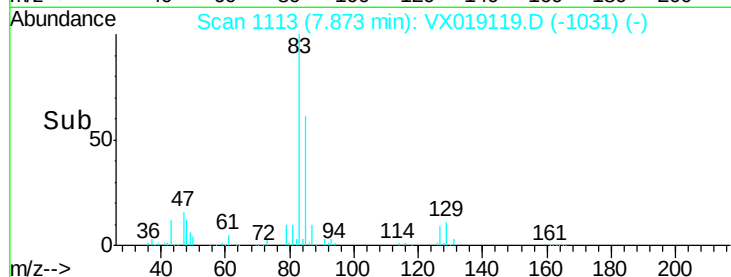
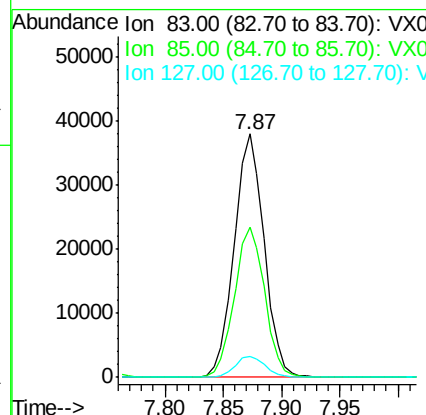
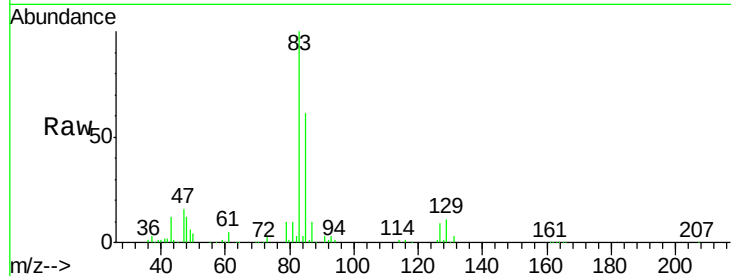
#41
Bromodichloromethane
Concen: 18.670 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	83	Resp	68243
Ion Ratio	100	Lower	Upper
83	100		
85	61.5	51.2	76.8
127	8.8	7.1	10.7

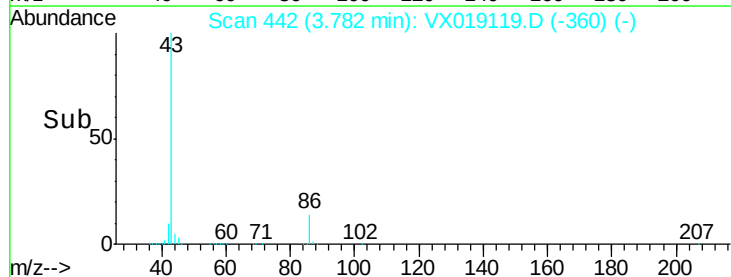
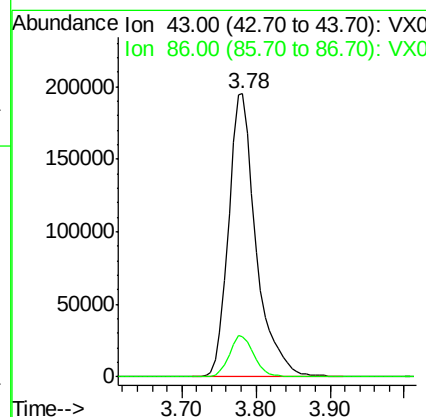
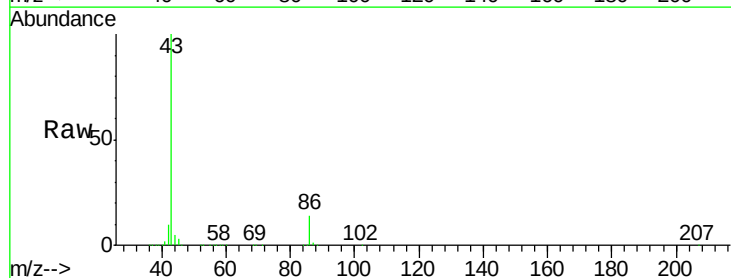
Manual Integrations
APPROVED

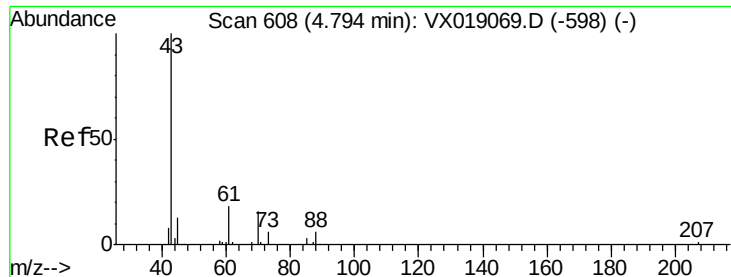
MMDadoda
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#42
Vinyl Acetate
Concen: 93.109 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	43	Resp	503405
Ion Ratio	100	Lower	Upper
43	100		
86	13.1	10.6	15.8





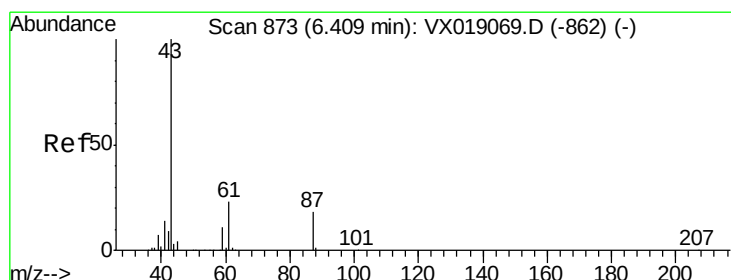
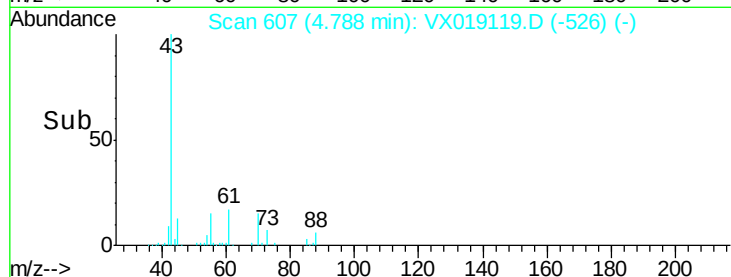
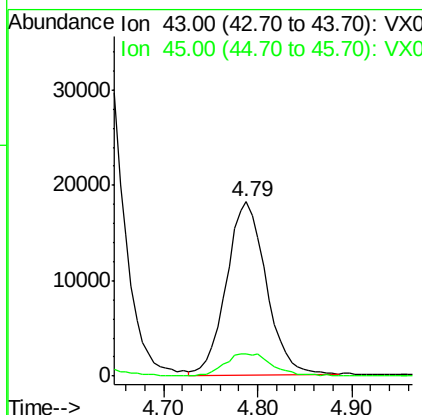
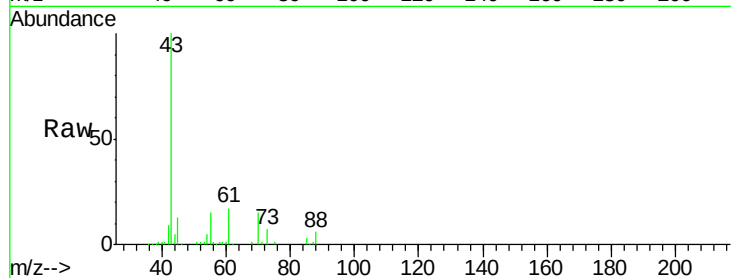
#43
Ethyl Acetate
Concen: 18.406 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion: 43 Resp: 53652
Ion Ratio Lower Upper
43 100
45 15.6 12.7 19.1

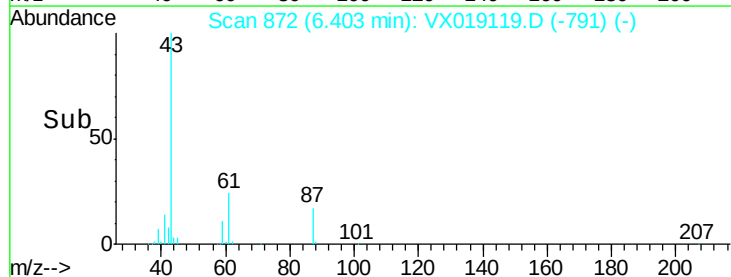
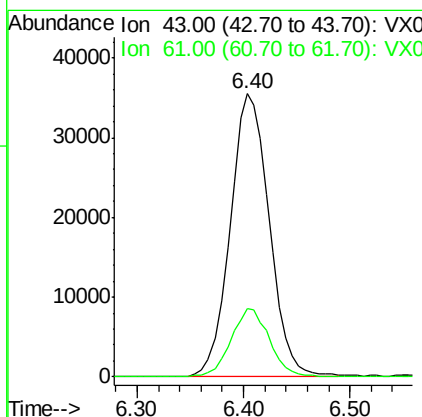
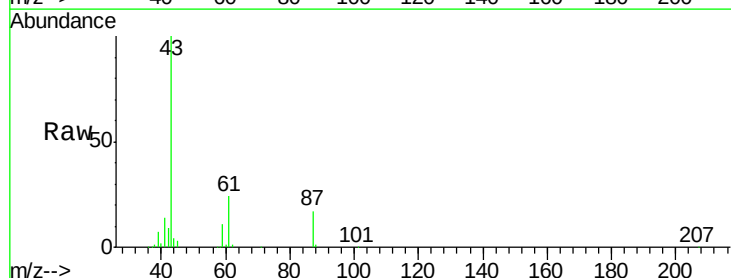
Manual Integrations
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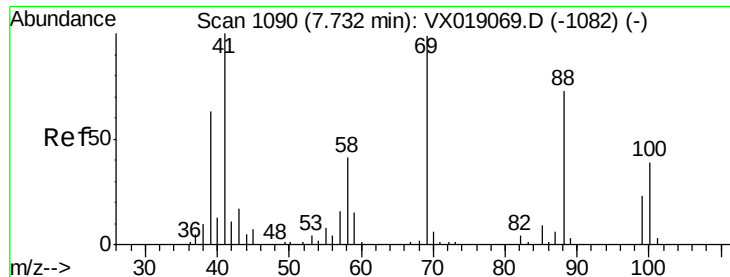
MMDadoda
10/27/2020 6:55:14 PM



#44
Isopropyl Acetate
Concen: 18.680 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 43 Resp: 91182
Ion Ratio Lower Upper
43 100
61 23.8 19.1 28.7





#45

1,4-Dioxane

Concen: 398.683 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

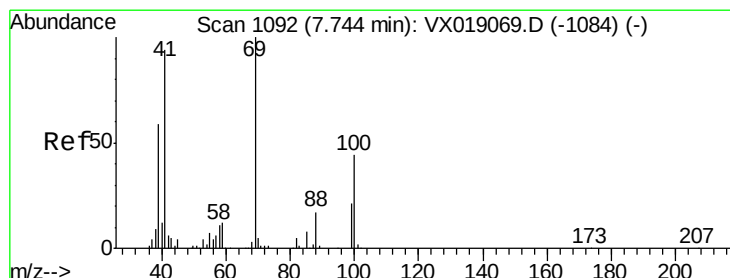
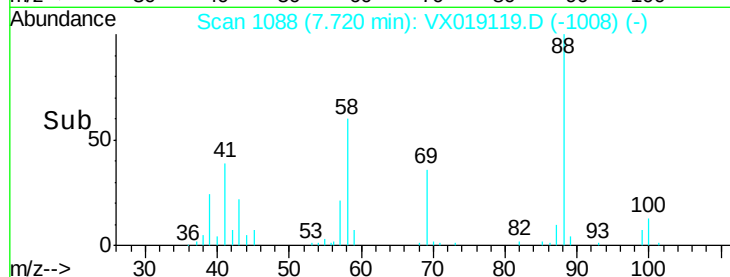
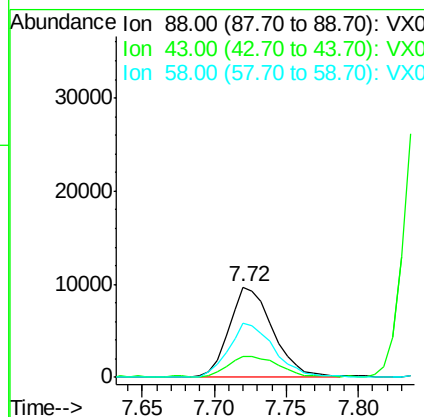
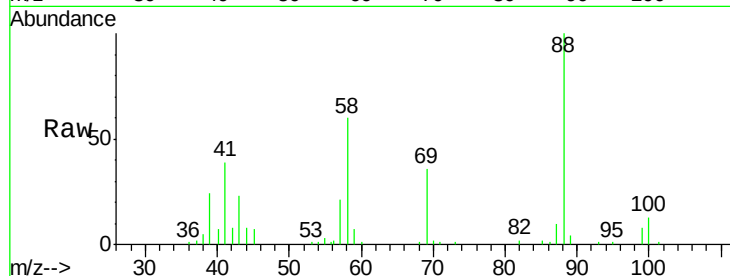
ClientSampleId :

VX1026WBS01

Tot Ion:	88	Resp:	20455
Ion	Ratio	Lower	Upper
88	100		
43	25.6	20.5	30.7
58	62.8	47.4	71.2

Manual Integrations
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#46

Methyl methacrylate

Concen: 18.282 ug/l

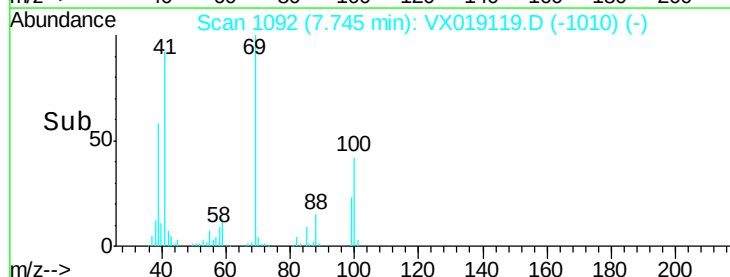
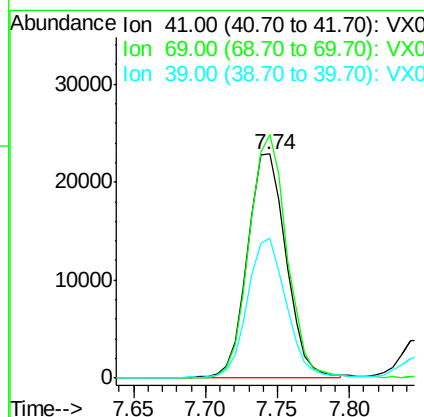
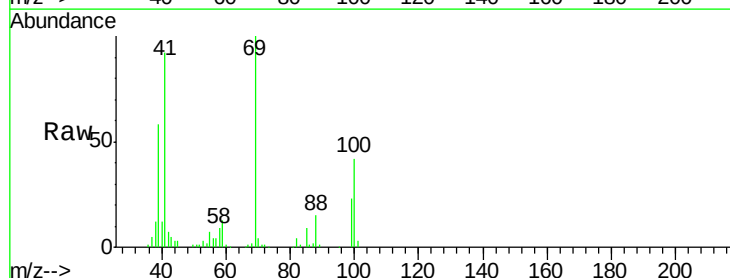
RT: 7.74 min Scan# 1092

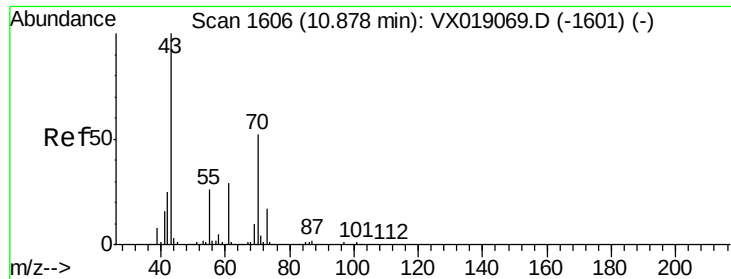
Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	41	Resp:	42237
Ion	Ratio	Lower	Upper
41	100		
69	109.0	53.1	159.4
39	62.2	31.3	93.9





#47

n-amvl Acetate

Concen: 18.497 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 43 Resp: 72421

Ion Ratio Lower Upper

43 100

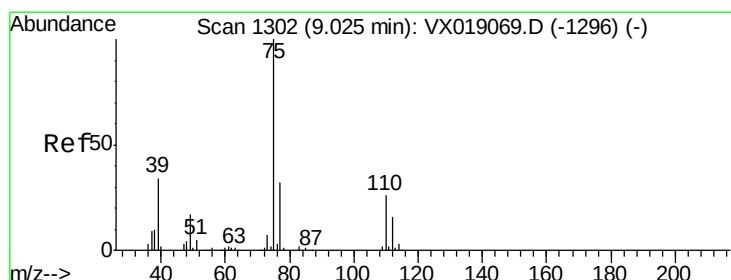
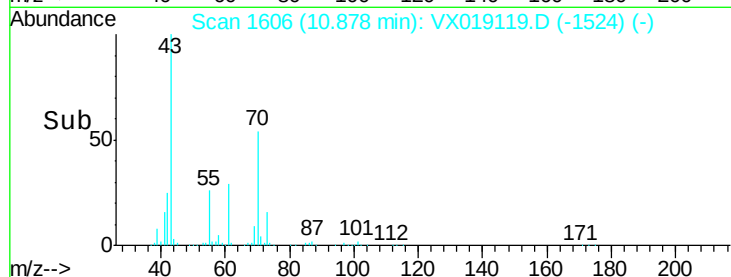
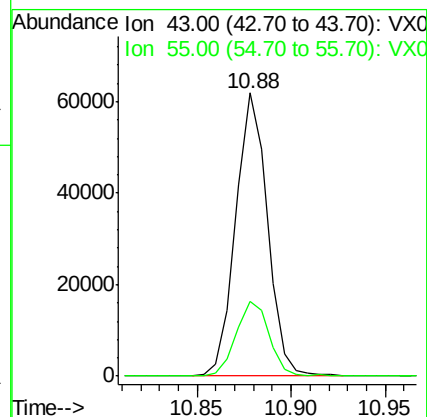
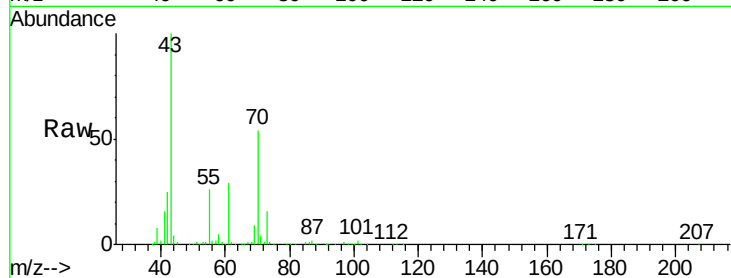
55 27.5 21.5 32.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.087 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019119.D

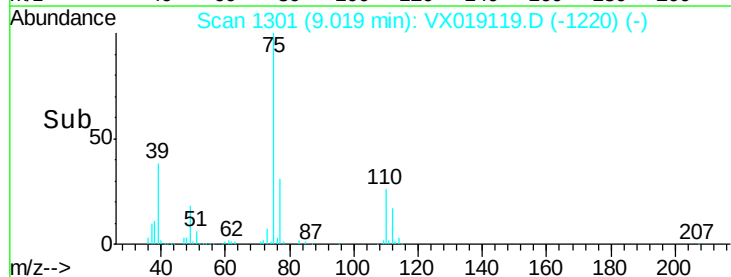
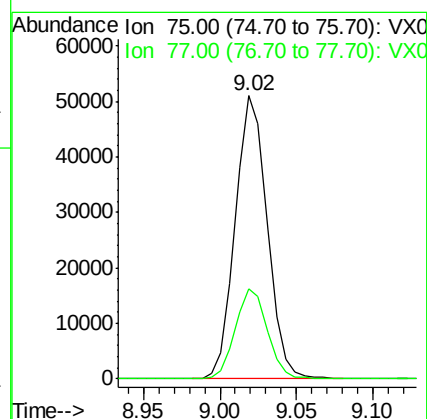
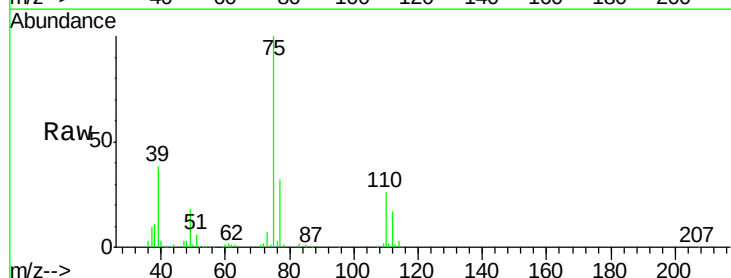
Acq: 26 Oct 2020 15:02

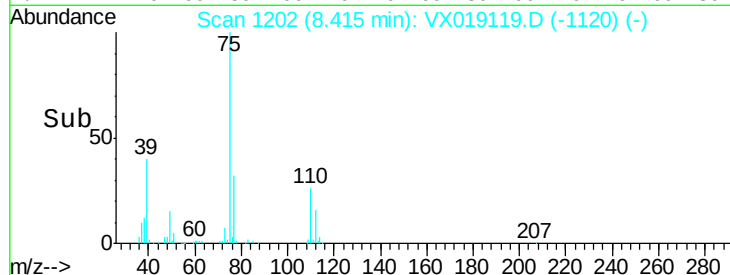
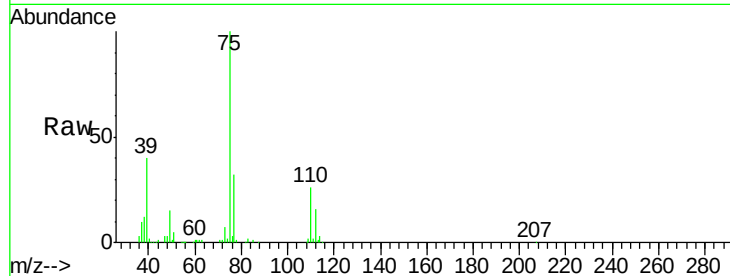
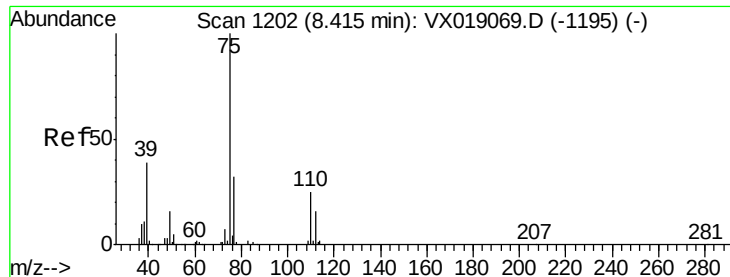
Tgt Ion: 75 Resp: 74012

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.358 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tot Ion:	75	Resp:	79939
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.8	38.8
39	39.8	31.0	46.6

Instrument :

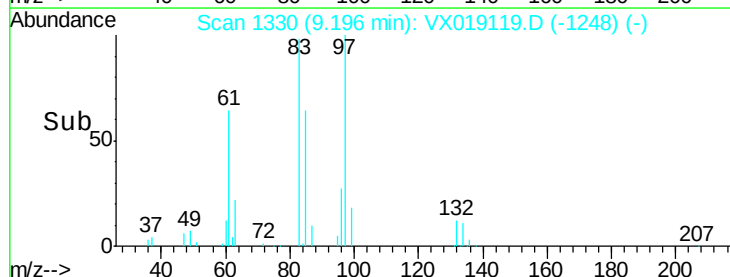
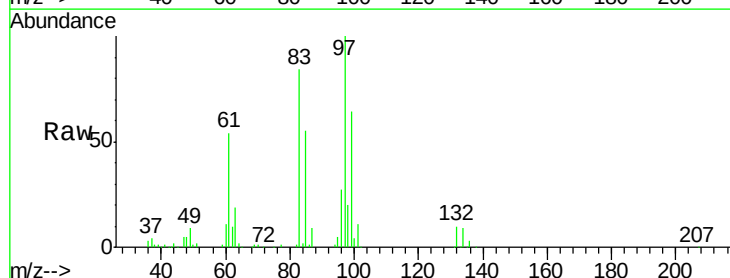
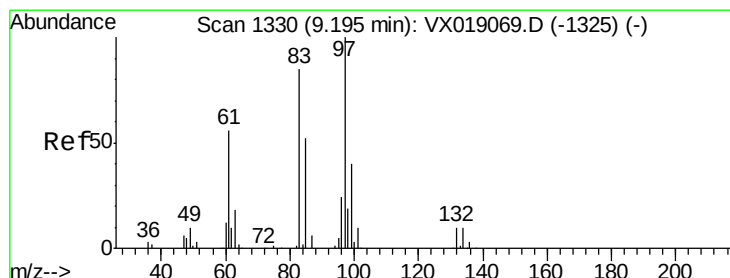
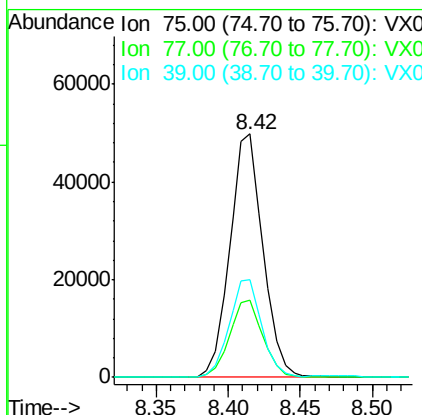
MSVOA_X

ClientSampleId :

VX1026WBS01

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.911 ug/l

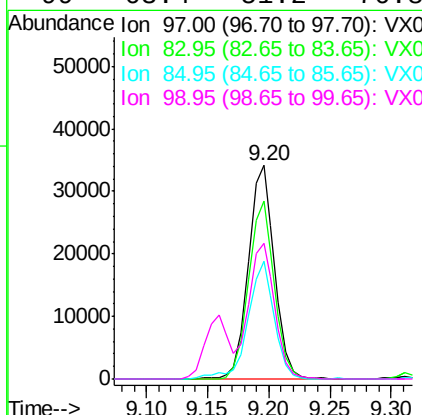
RT: 9.20 min Scan# 1330

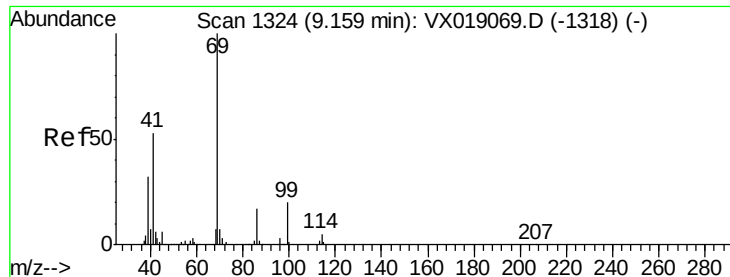
Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	97	Resp:	50642
Ion Ratio	Lower	Upper	
97	100		
83	83.6	67.8	101.6
85	55.0	43.5	65.3
99	63.4	51.2	76.8





#51

Ethyl methacrylate

Concen: 18.112 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

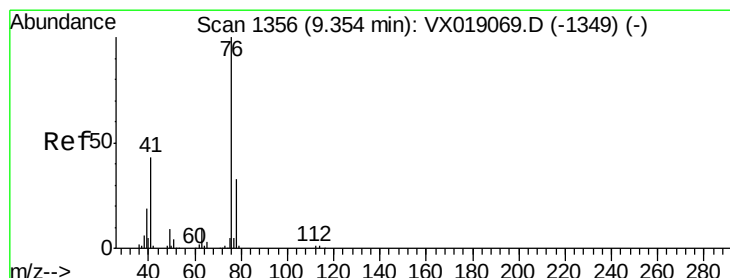
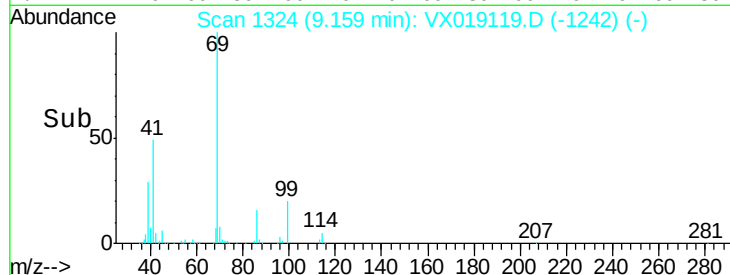
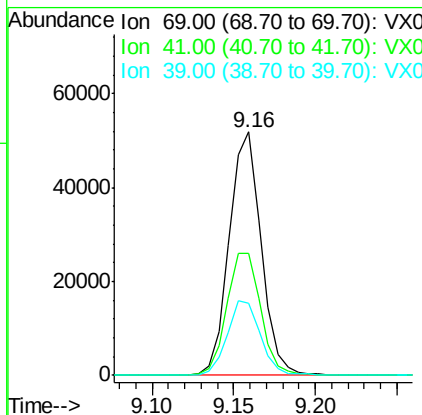
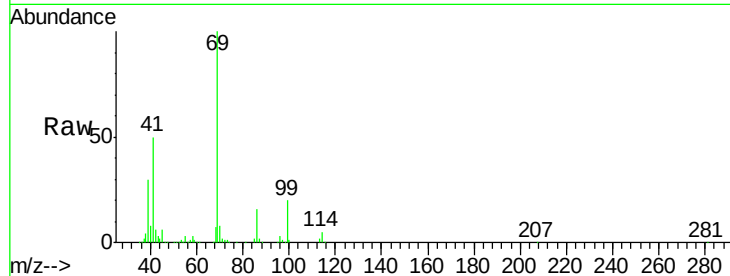
ClientSampleId :

VX1026WBS01

Tot Ion:	69	Resp:	70772
Ion	Ratio	Lower	Upper
69	100		
41	50.2	26.5	79.4
39	29.7	16.2	48.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.816 ug/l

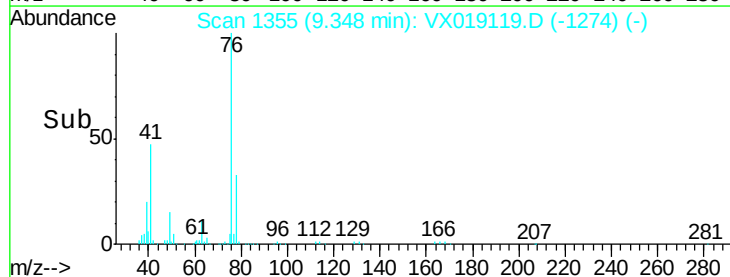
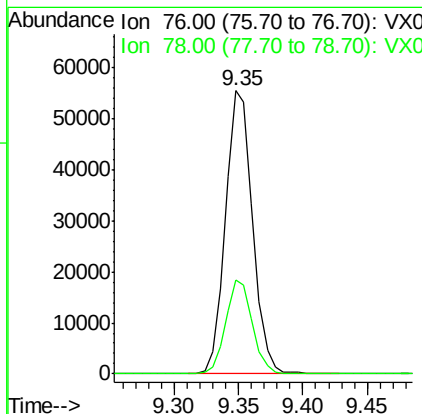
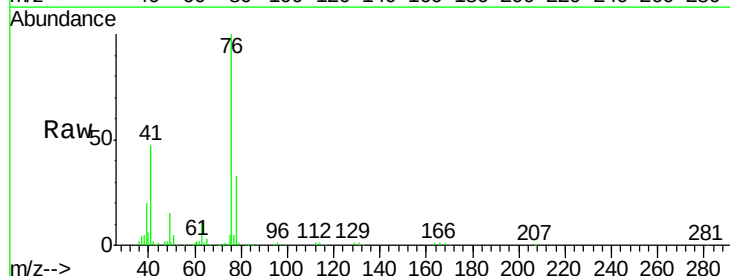
RT: 9.35 min Scan# 1355

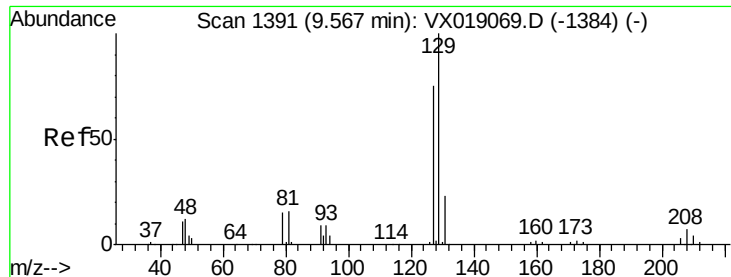
Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	76	Resp:	82085
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





#53

Dibromochloromethane

Concen: 18.395 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion:129 Resp: 54836

Ion Ratio Lower Upper

129 100

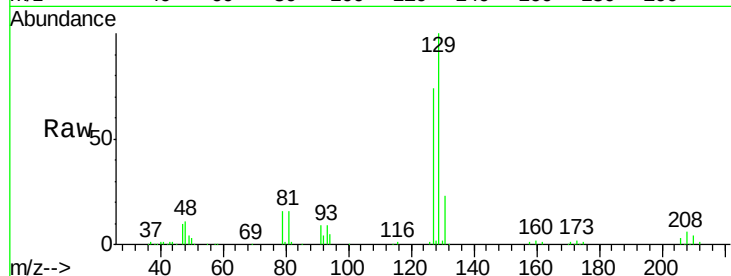
127 76.0 38.4 115.1

Manual Integrations

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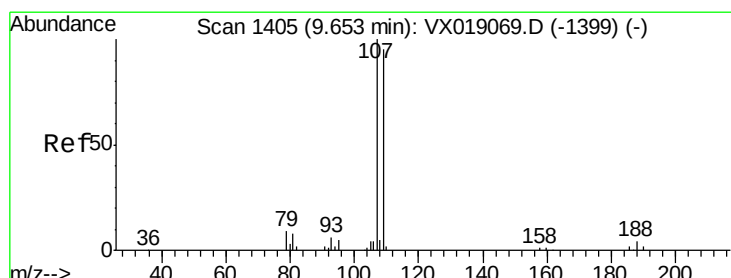
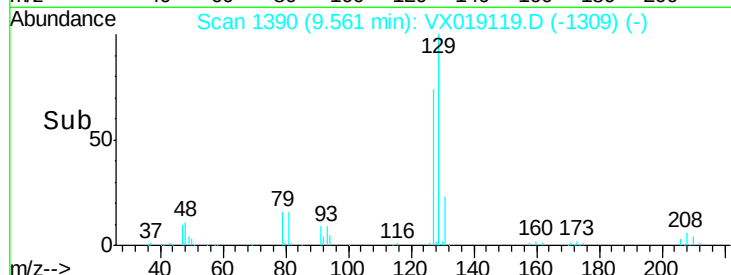
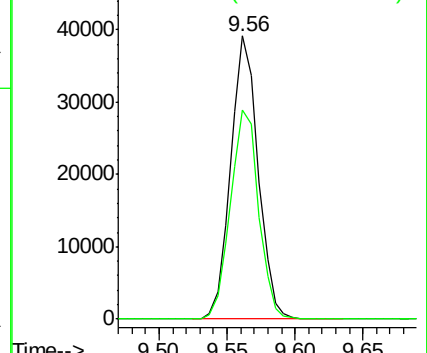
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.896 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019119.D

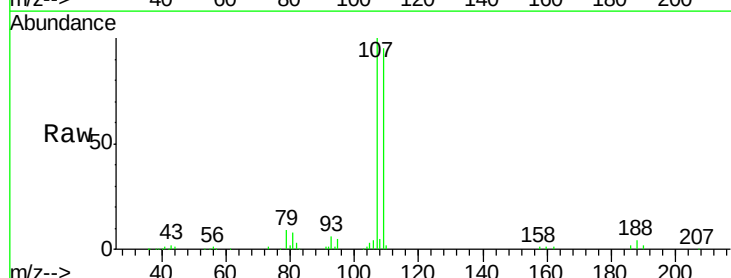
Acq: 26 Oct 2020 15:02

Tgt Ion:107 Resp: 52075

Ion Ratio Lower Upper

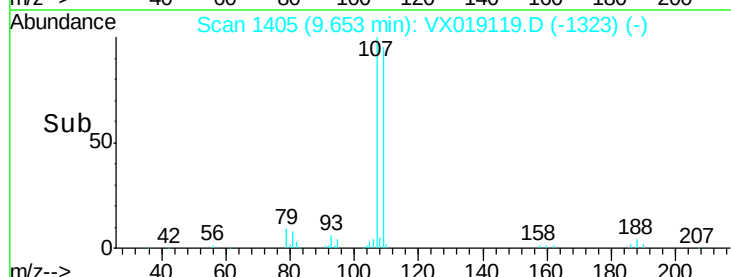
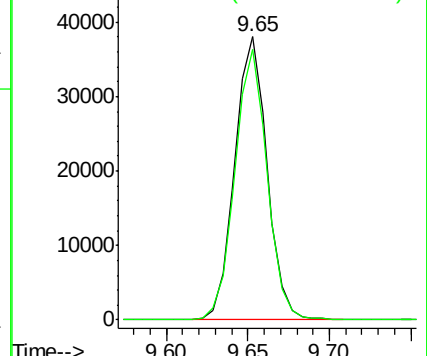
107 100

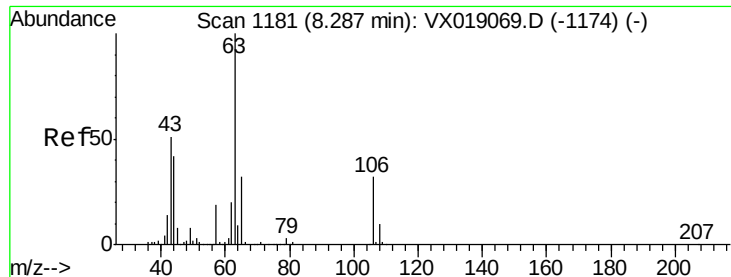
109 95.2 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 91.864 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

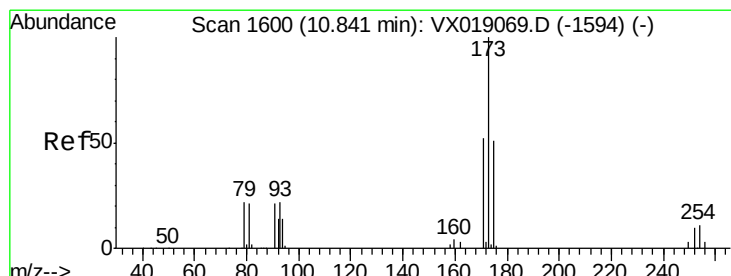
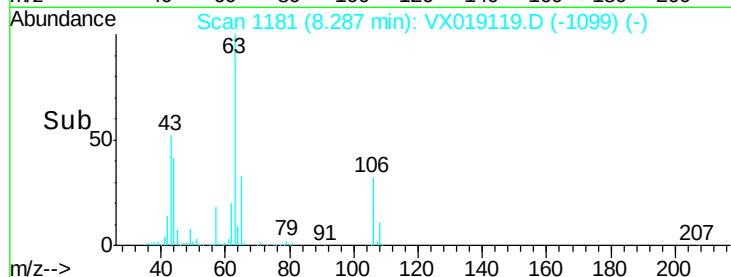
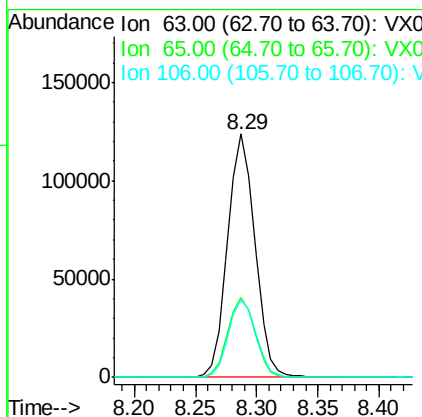
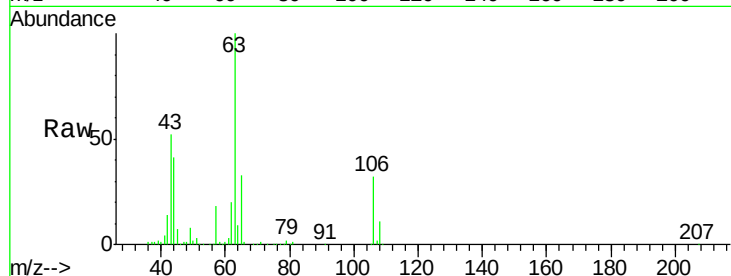
ClientSampleId :

VX1026WBS01

Tot Ion:	63	Resp:	191829
Ion	Ratio	Lower	Upper
63	100		
65	32.7	26.0	39.0
106	32.1	25.9	38.9

Manual Integrations
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#56

Bromoform

Concen: 18.183 ug/l

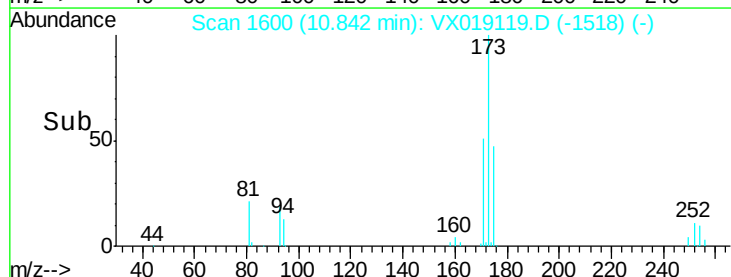
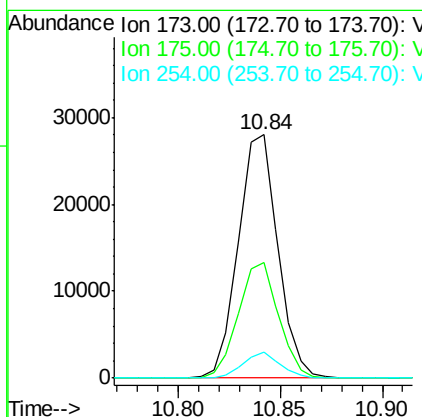
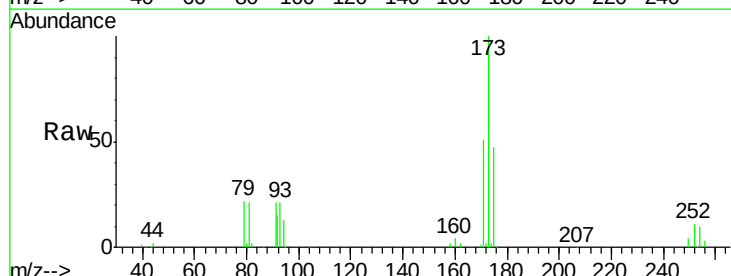
RT: 10.84 min Scan# 1600

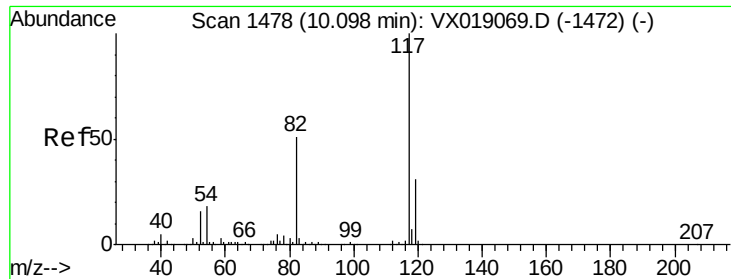
Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	173	Resp:	37895
Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.6	59.4
254	10.0	8.6	13.0





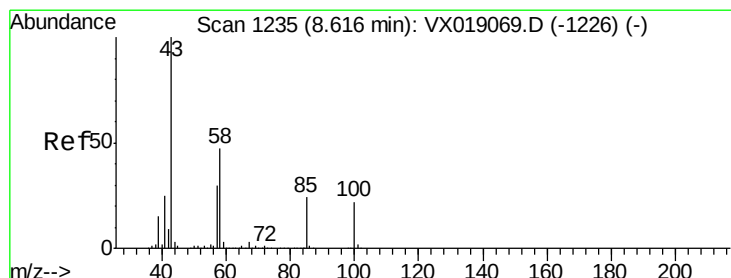
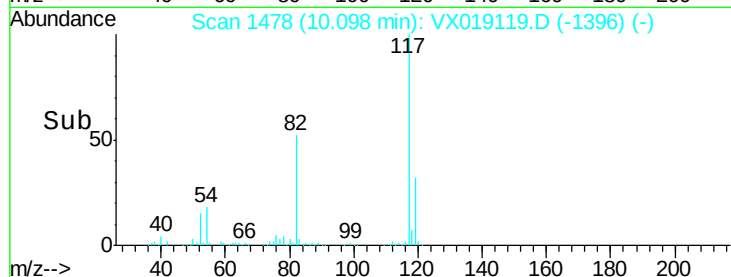
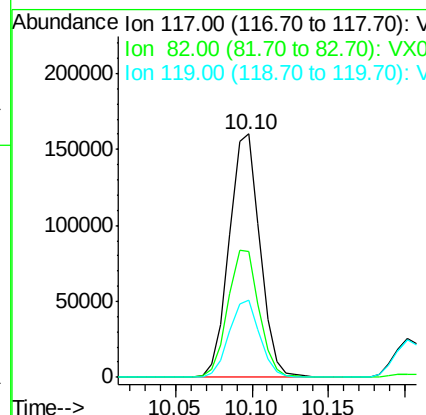
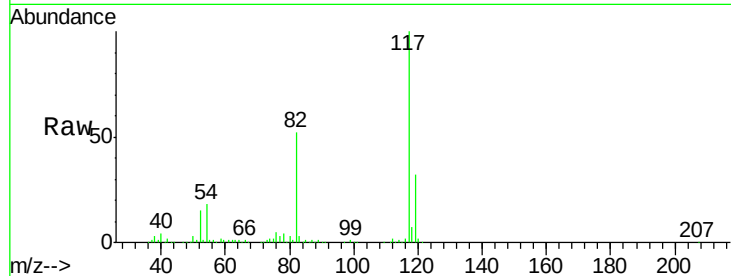
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	223211		
82	53.1	42.5	63.7	
119	31.7	25.6	38.4	

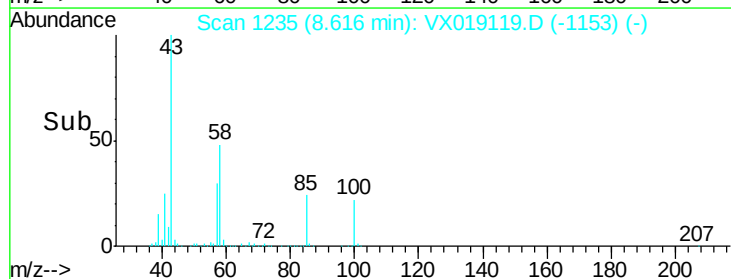
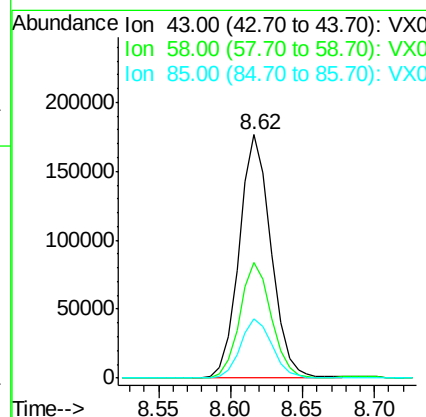
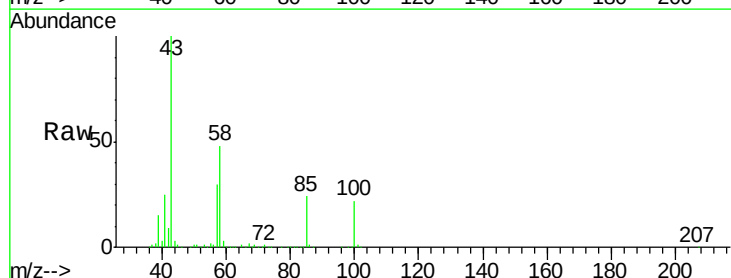
Manual Integrations
APPROVED

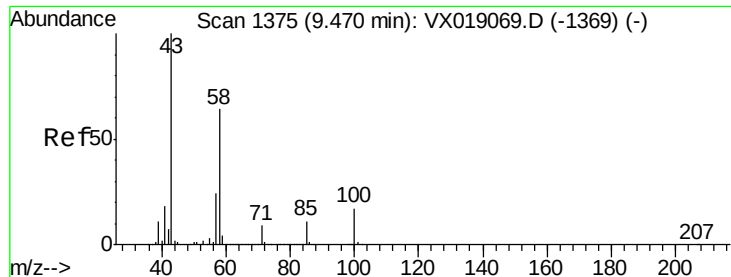
MMDadoda
10/27/2020 6:55:14 PM



#58
4-Methyl-2-Pentanone
Concen: 96.360 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	271239		
58	47.0	37.6	56.4	
85	24.3	19.4	29.2	





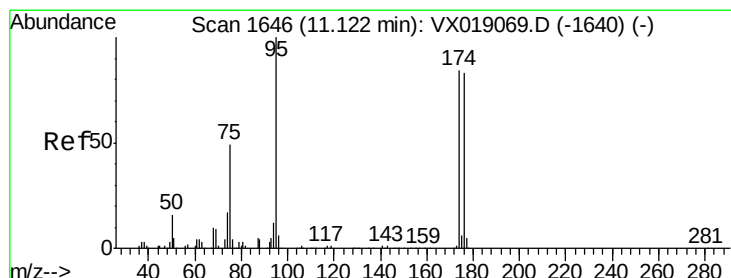
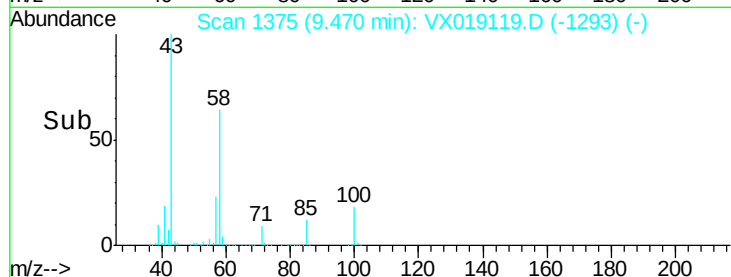
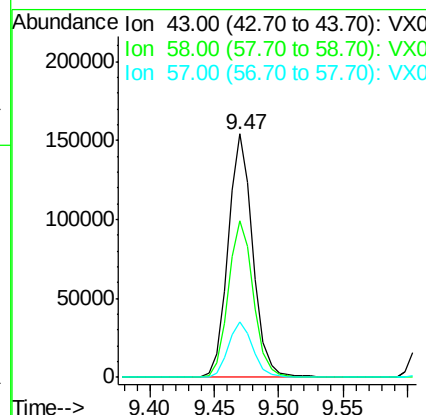
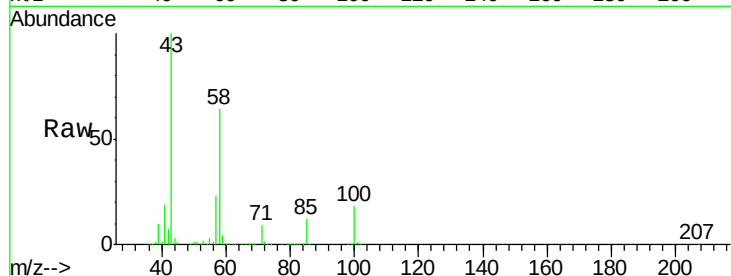
#59
2-Hexanone
Concen: 99.108 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.4	51.9	77.9
57	23.0	18.2	27.4

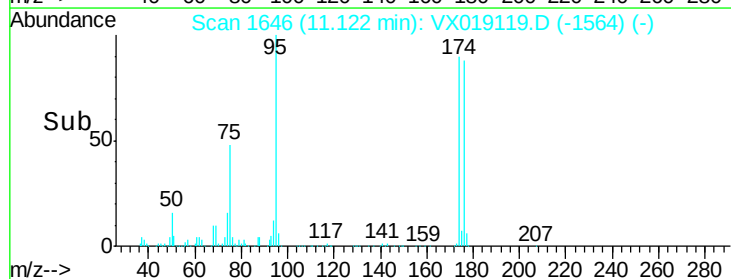
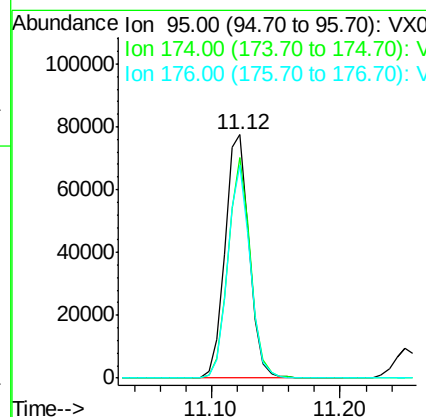
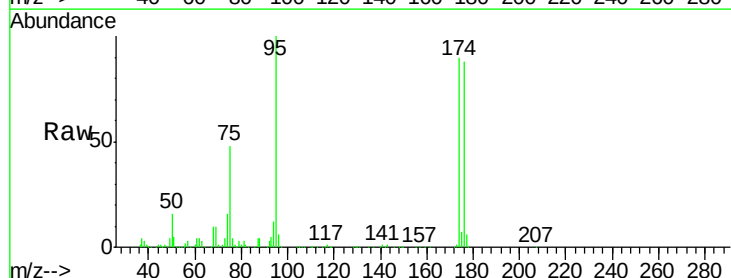
Manual Integrations
APPROVED

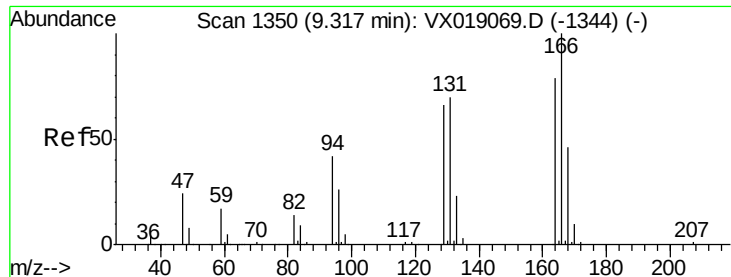
MMDadoda
10/27/2020 6:55:14 PM



#60
4-Bromofluorobenzene
Concen: 30.571 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.0	66.3	99.5
176	81.2	65.5	98.3





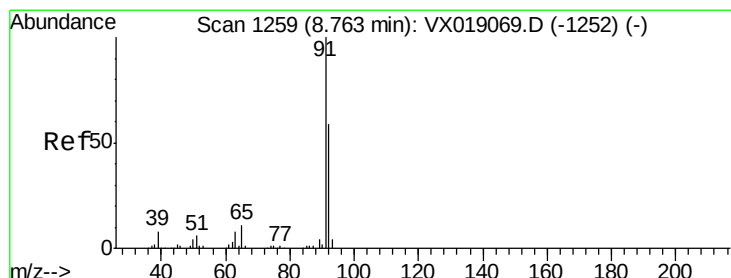
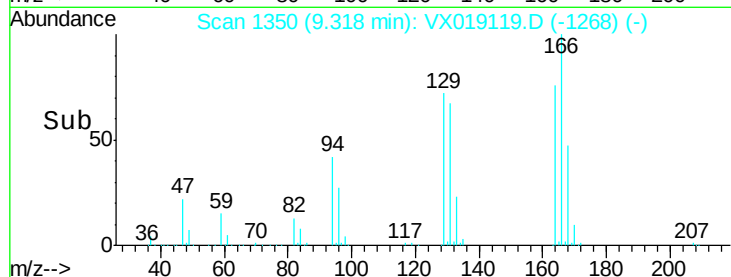
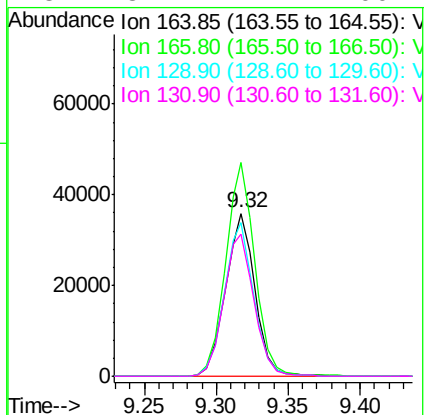
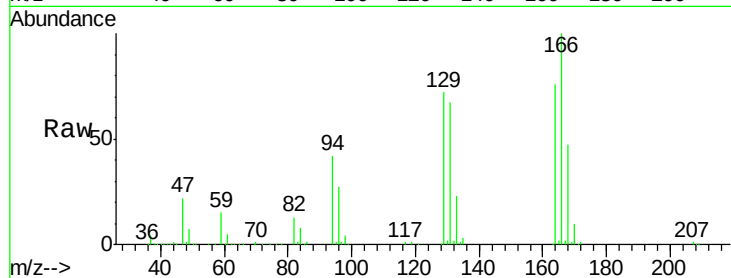
#61
Tetrachloroethene
Concen: 19.392 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.9	152.9
129	94.3	67.0	100.6
131	87.4	71.1	106.7

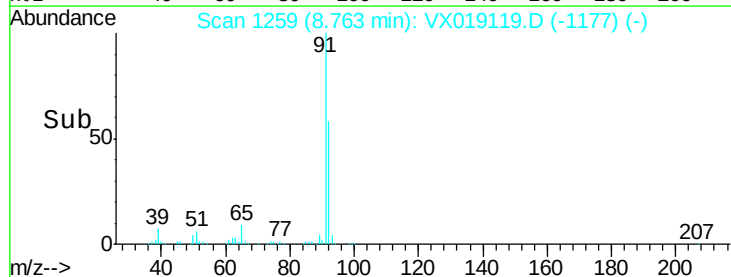
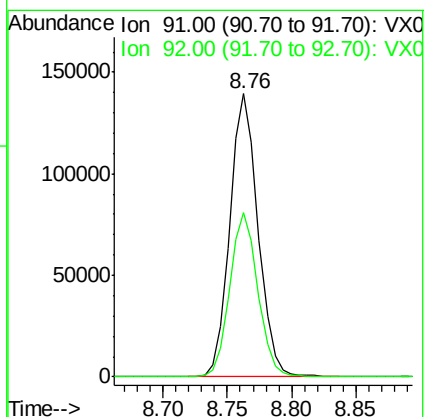
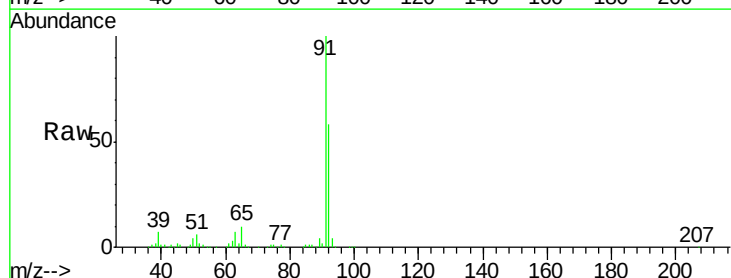
Manual Integrations
APPROVED

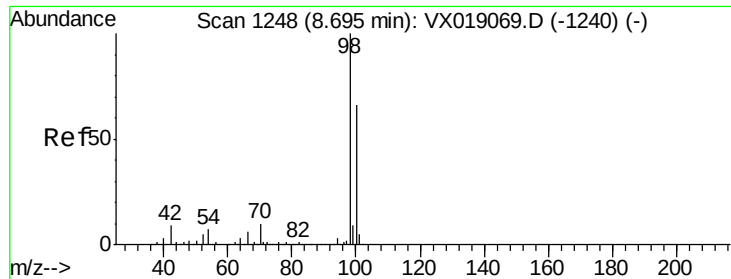
MMDadoda
10/27/2020 6:55:14 PM



#62
Toluene
Concen: 18.224 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	47.3	70.9





#63

Toluene-d8

Concen: 29.746 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 98 Resp: 293148

Ion Ratio Lower Upper

98 100

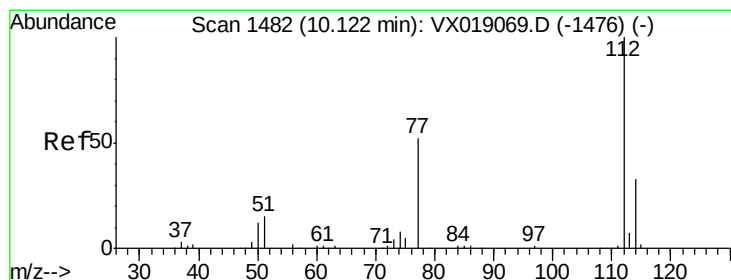
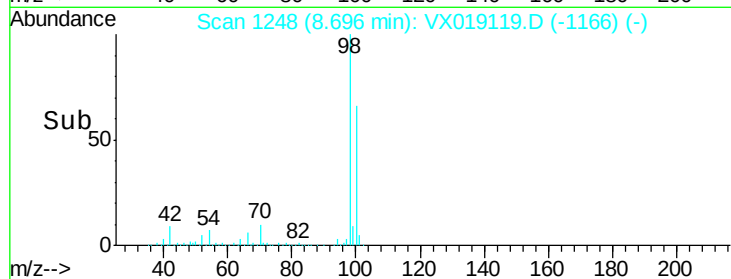
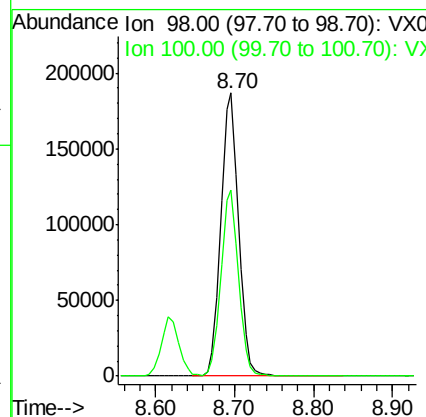
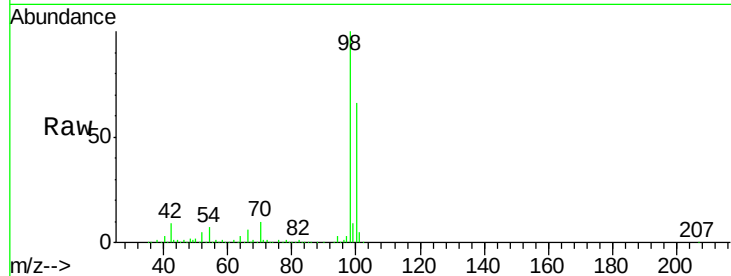
100 64.6 52.2 78.4

Manual Integrations

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#64

Chlorobenzene

Concen: 18.615 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019119.D

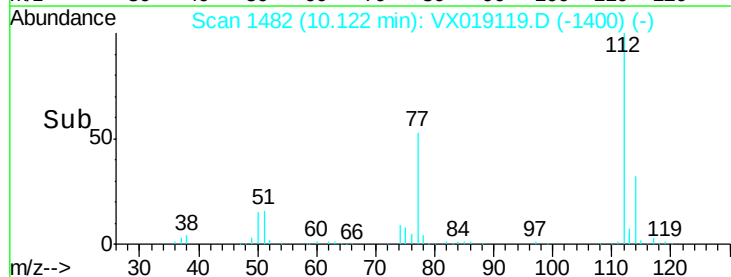
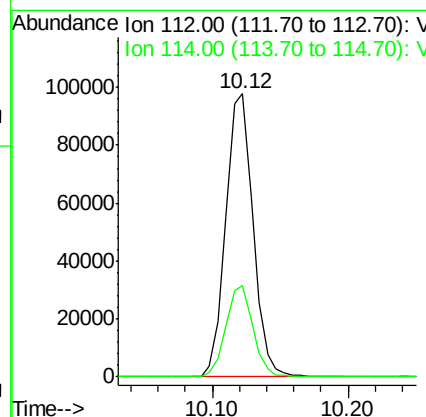
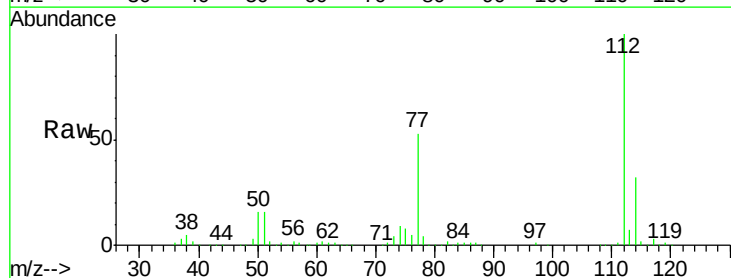
Acq: 26 Oct 2020 15:02

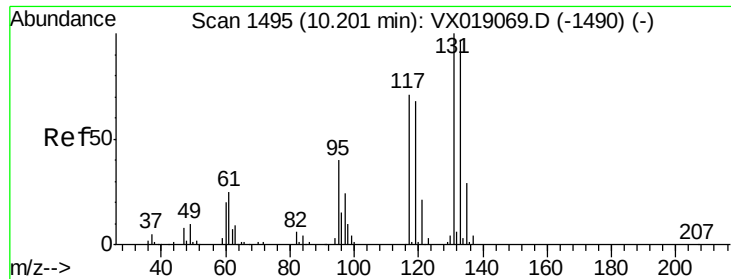
Tgt Ion: 112 Resp: 135747

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.421 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion:131 Resp: 48855

Ion Ratio Lower Upper

131 100

133 97.2 0.0 191.6

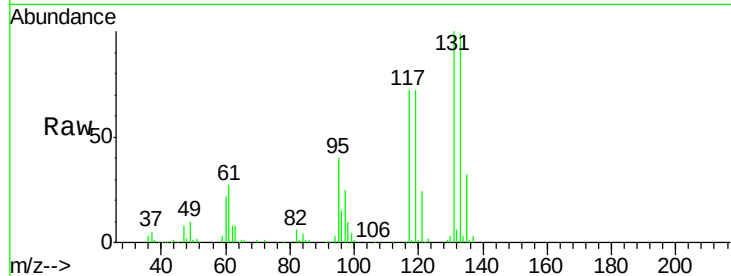
119 67.2 0.0 130.0

Manual Integrations

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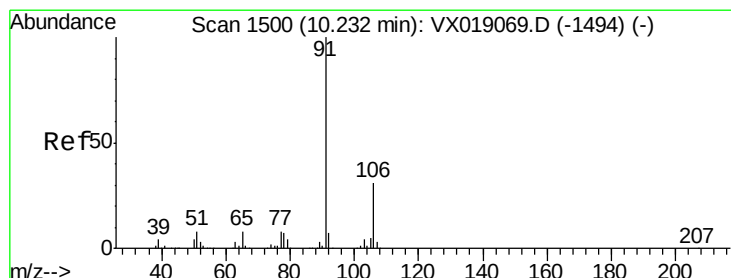
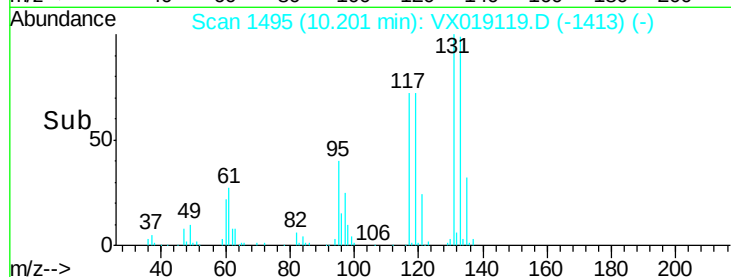
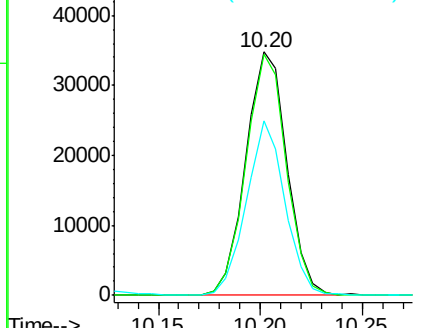
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Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.379 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019119.D

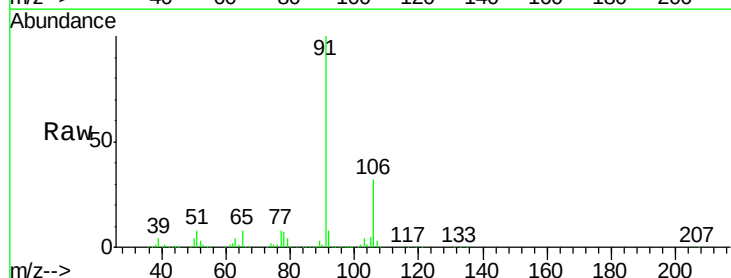
Acq: 26 Oct 2020 15:02

Tgt Ion: 91 Resp: 236385

Ion Ratio Lower Upper

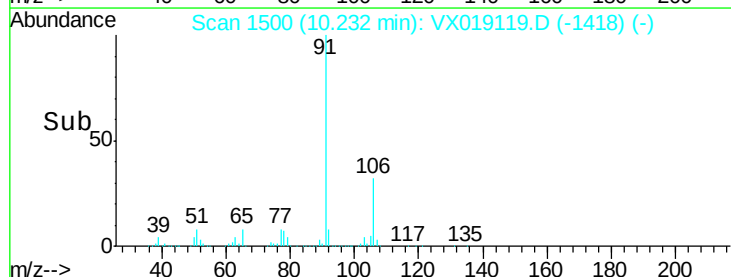
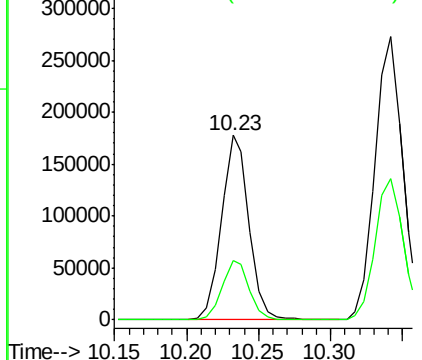
91 100

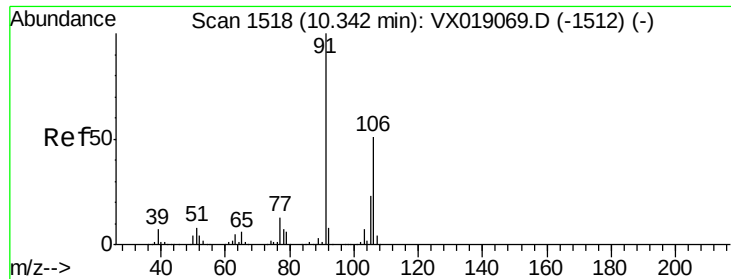
106 32.0 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.489 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

Tot Ion:106 Resp: 183884

Ion Ratio Lower Upper

106 100

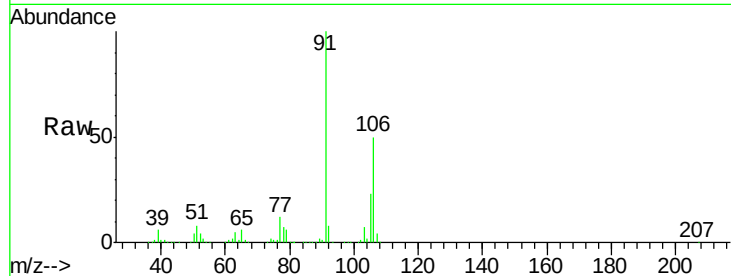
91 197.6 157.5 236.3

Manual Integrations

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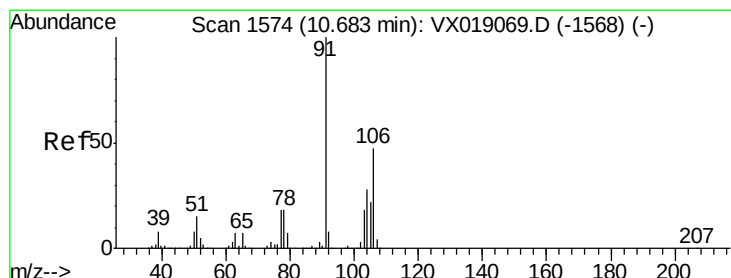
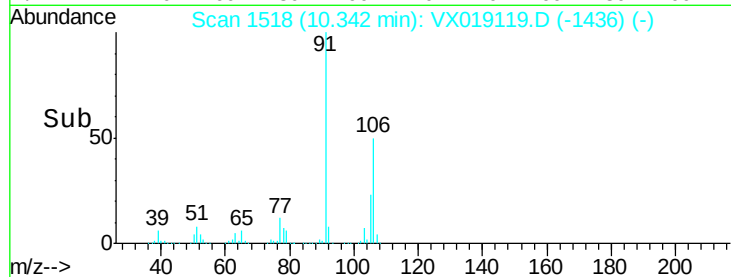
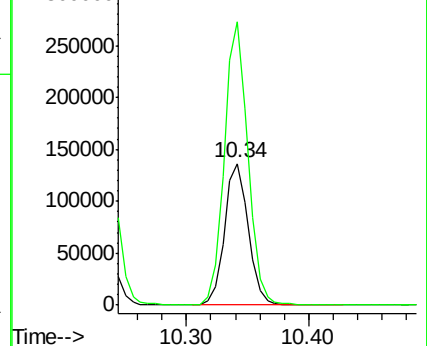
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.785 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019119.D

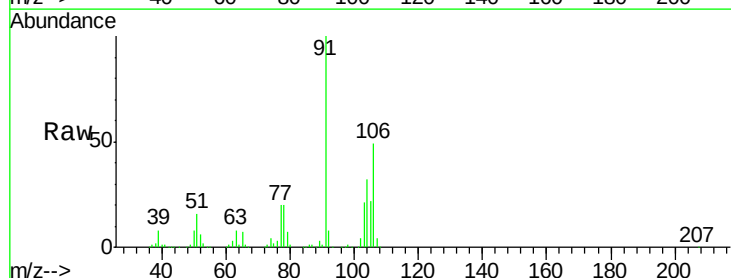
Acq: 26 Oct 2020 15:02

Tgt Ion:106 Resp: 87877

Ion Ratio Lower Upper

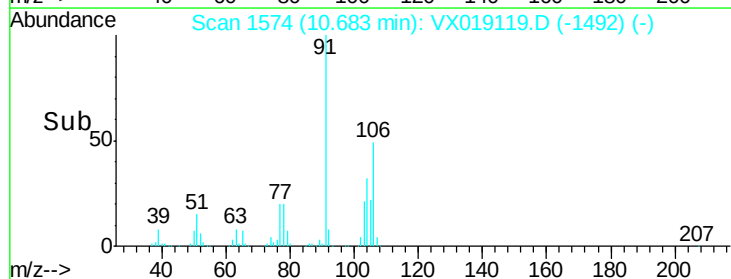
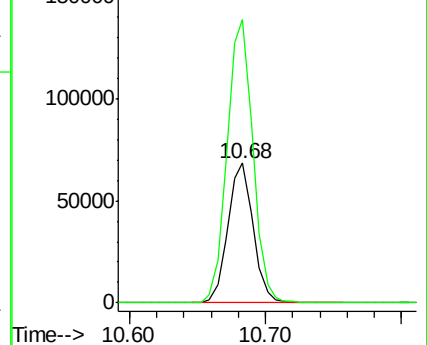
106 100

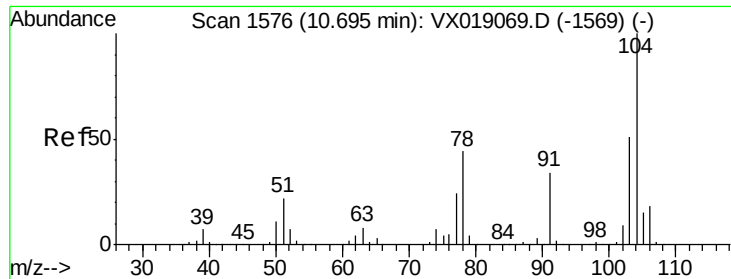
91 206.7 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





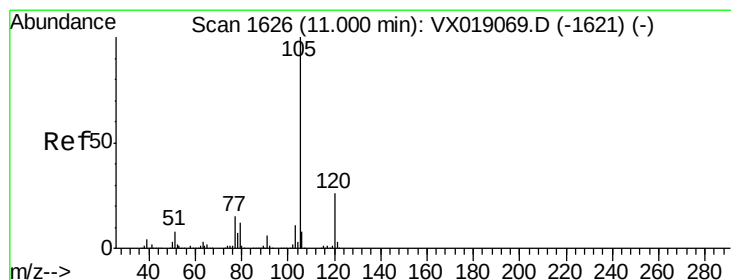
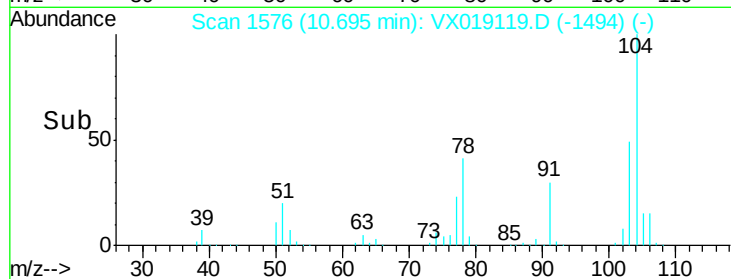
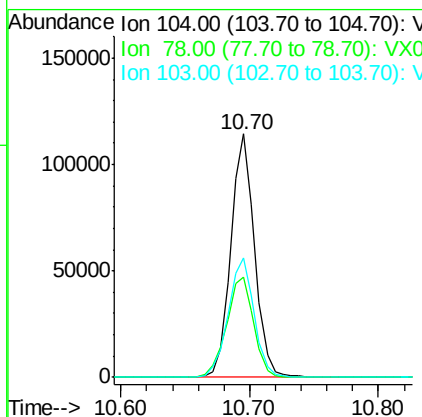
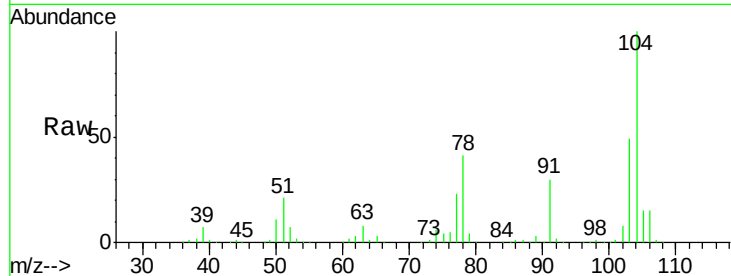
#69
Stvrene
Concen: 18.706 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	147438		
78	47.1		38.6	58.0
103	53.9		43.4	65.2

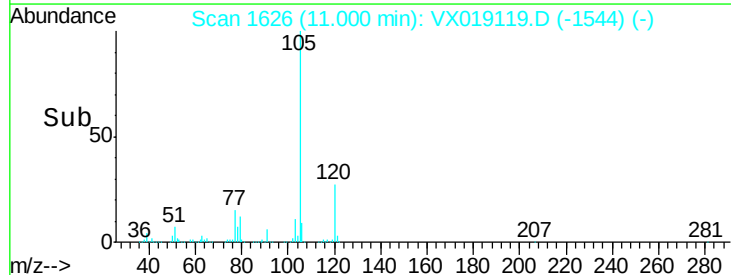
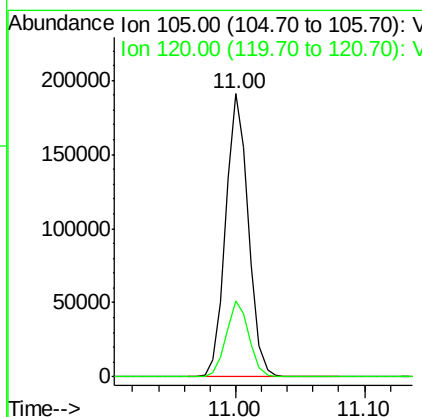
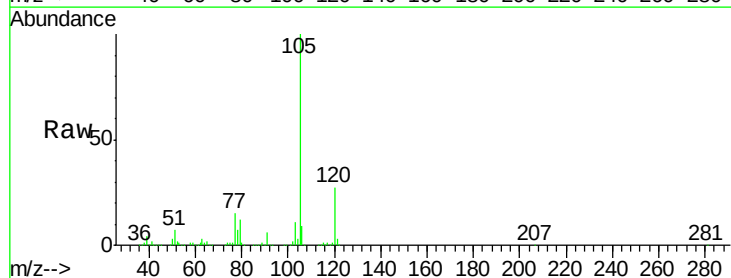
Manual Integrations
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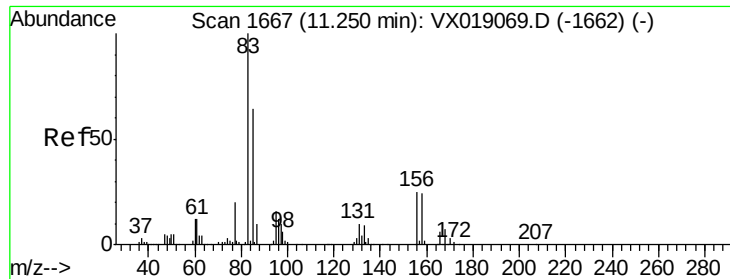
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#70
Isopropylbenzene
Concen: 18.856 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237176		
120	27.0		19.0	35.4





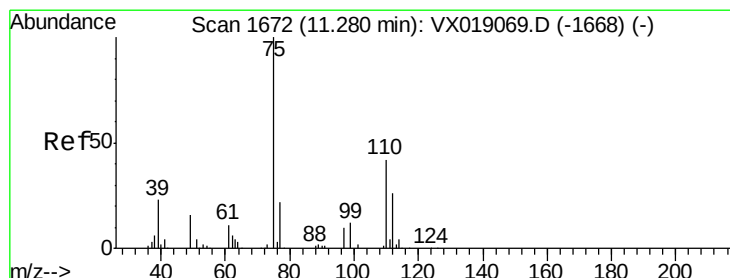
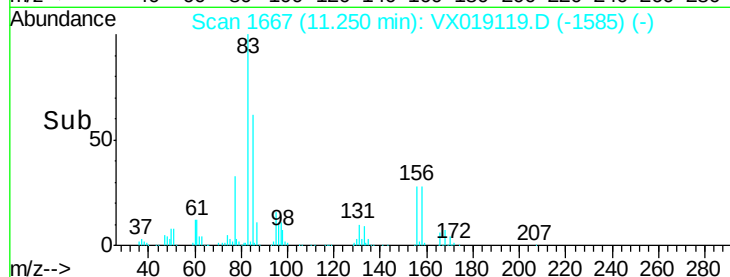
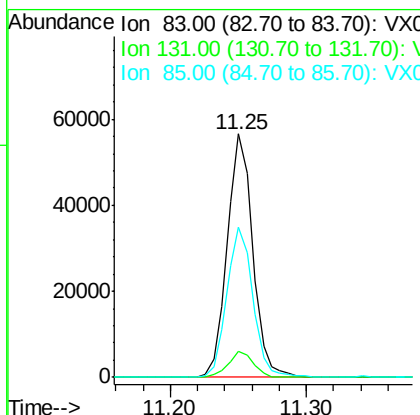
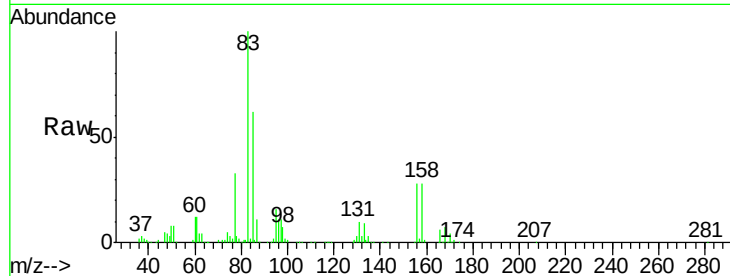
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.353 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion	83	Resp	73908
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.2	15.6
85	63.2	32.5	97.4

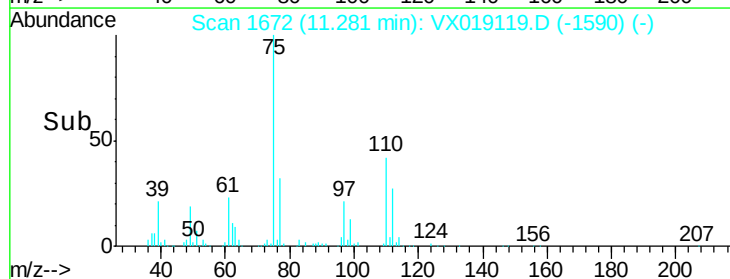
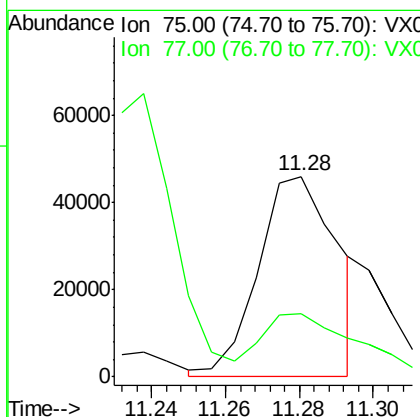
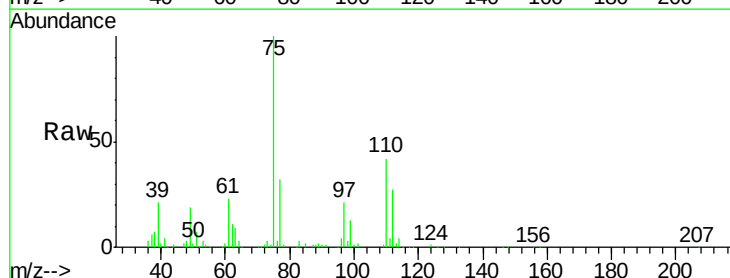
Manual Integrations
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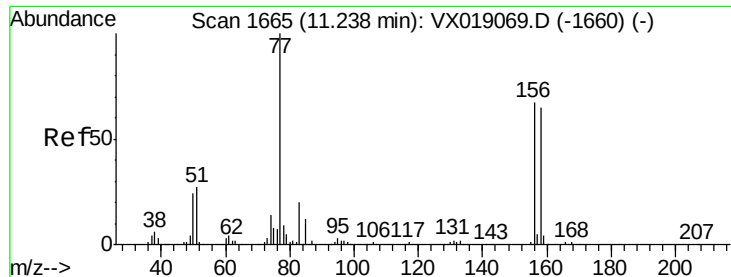
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#72
 1,2,3-Trichloropropane
 Concen: 20.816 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	75	Resp	67976
Ion Ratio	100	Lower	Upper
75	100		
77	39.1	0.0	81.8





#73

Bromobenzene

Concen: 19.030 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

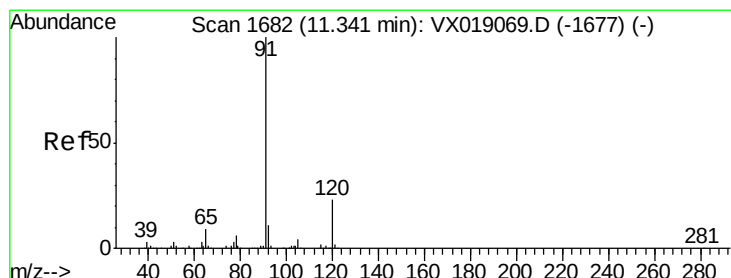
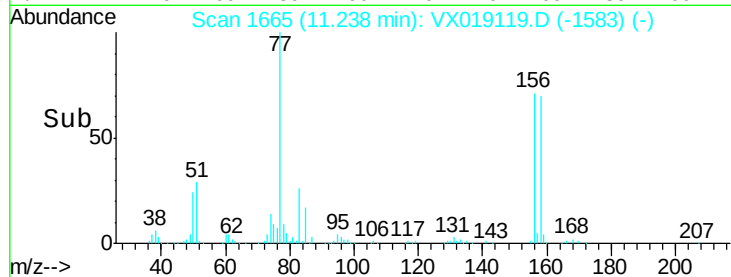
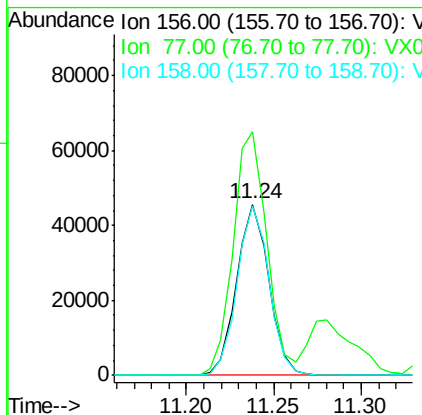
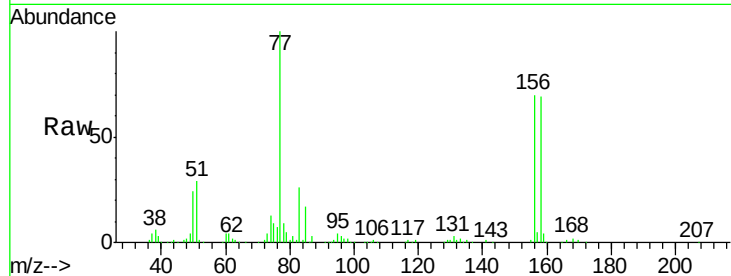
ClientSampleId :

VX1026WBS01

Tot Ion:	156	Resp:	58500
Ion Ratio	Lower	Upper	
156	100		
77	149.6	0.0	299.6
158	98.5	0.0	192.2

Manual Integrations
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#74

n-propylbenzene

Concen: 19.350 ug/l

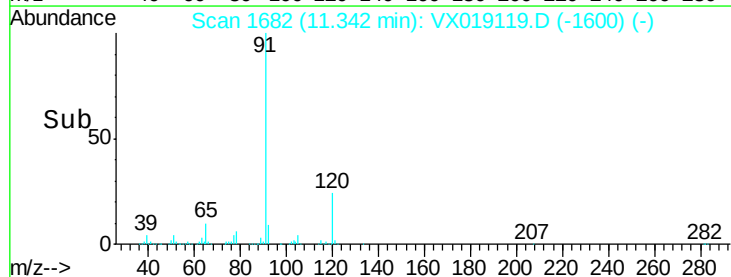
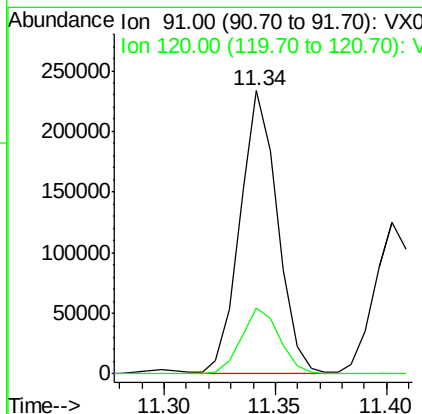
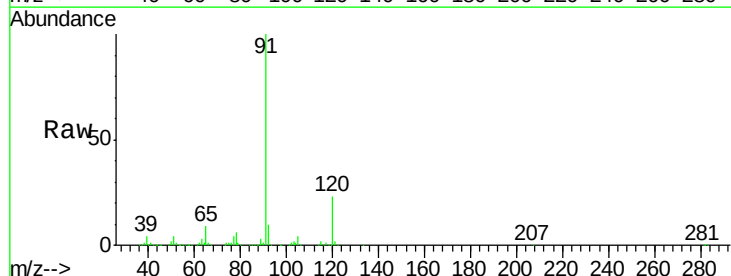
RT: 11.34 min Scan# 1682

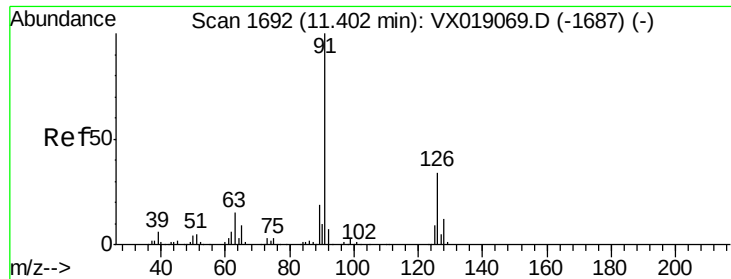
Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion:	91	Resp:	275587
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	46.6





#75

2-Chlorotoluene

Concen: 19.523 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 91 Resp: 157277

Ion Ratio Lower Upper

91 100

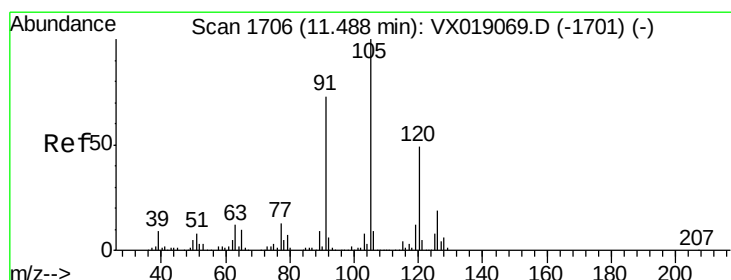
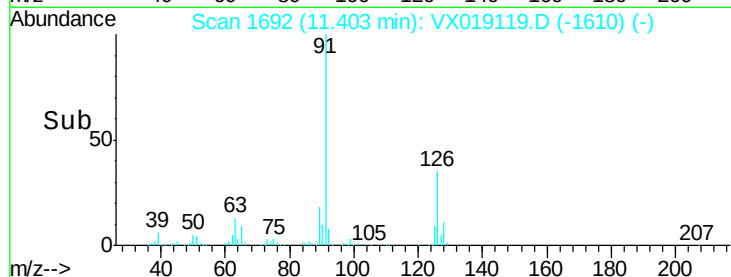
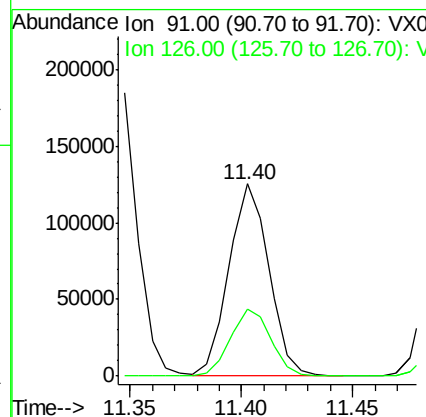
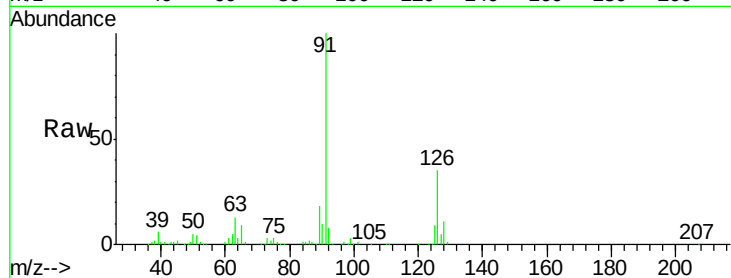
126 35.2 0.0 69.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.231 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019119.D

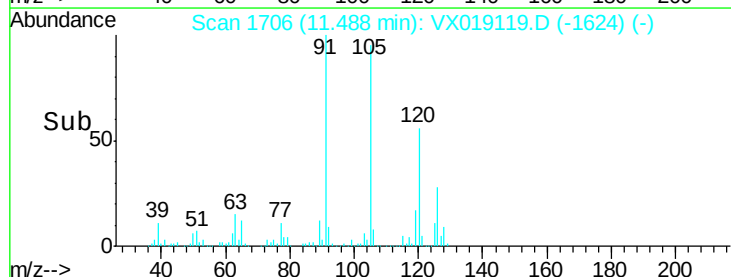
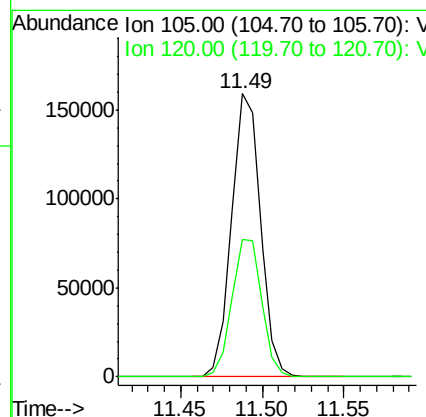
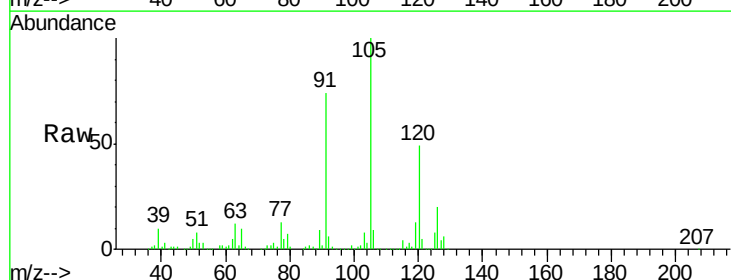
Acq: 26 Oct 2020 15:02

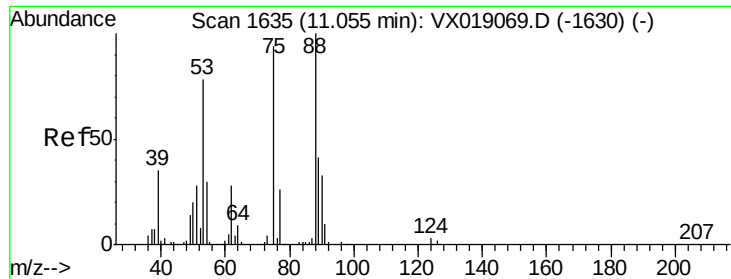
Tgt Ion: 105 Resp: 196285

Ion Ratio Lower Upper

105 100

120 50.0 0.0 100.2





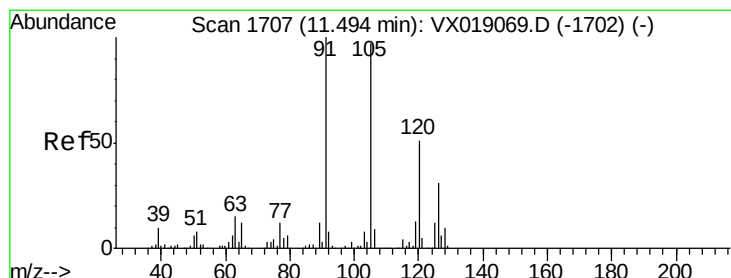
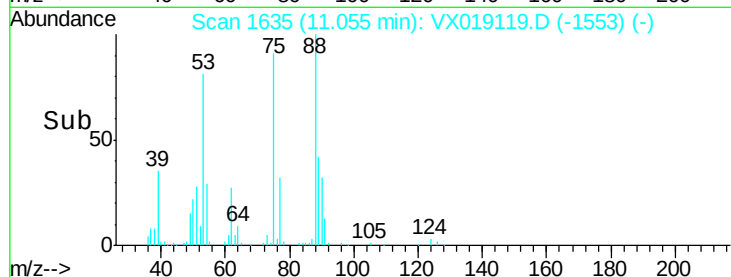
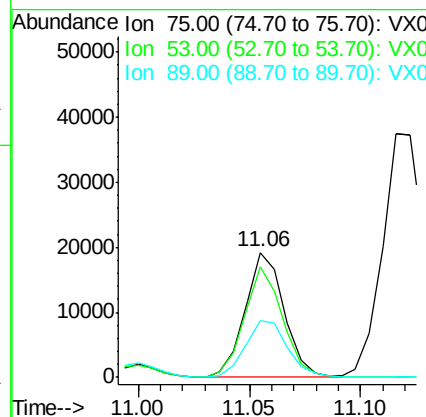
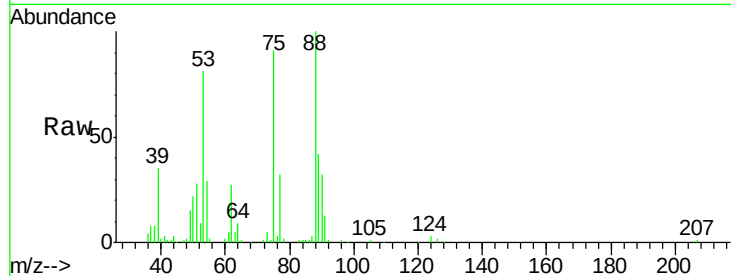
#77
t-1,4-Dichloro-2-butene
Concen: 18.211 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	41.6	124.8
89	45.4	21.8	65.3

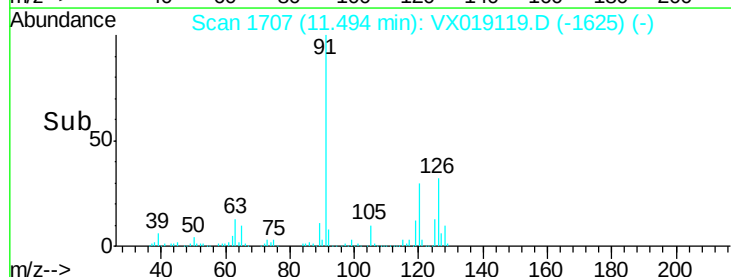
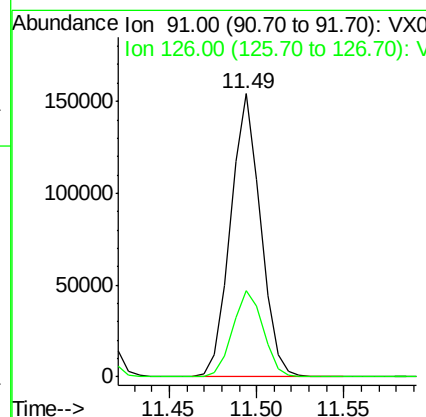
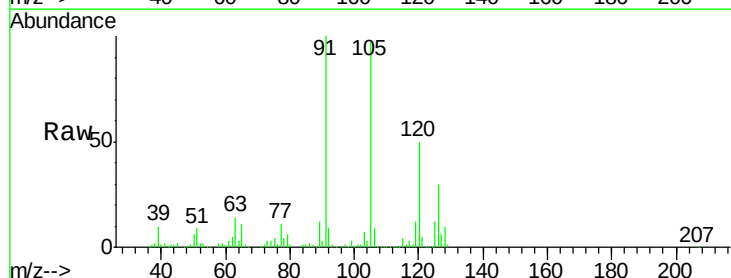
Manual Integrations
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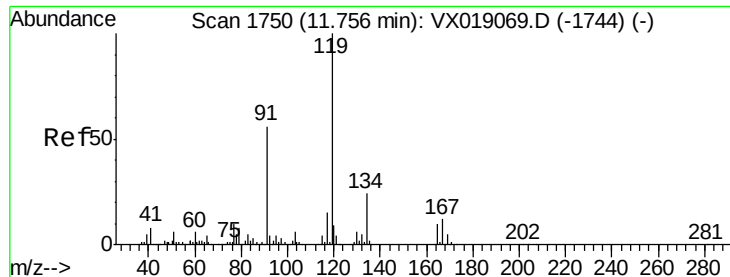
MMDadoda
10/27/2020 6:55:14 PM



#78
4-Chlorotoluene
Concen: 19.477 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	61.2





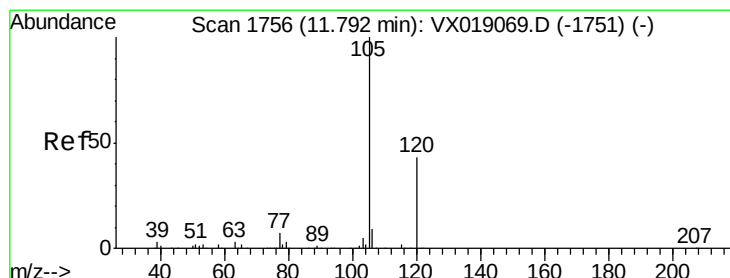
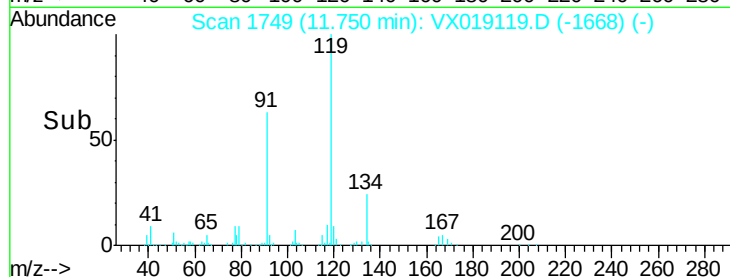
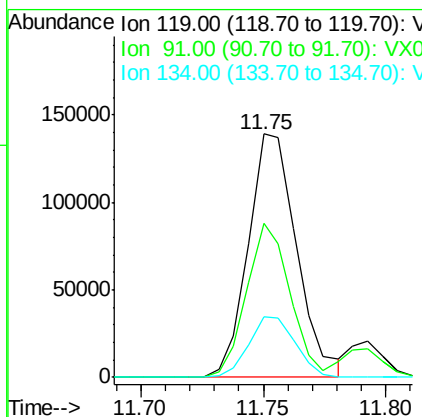
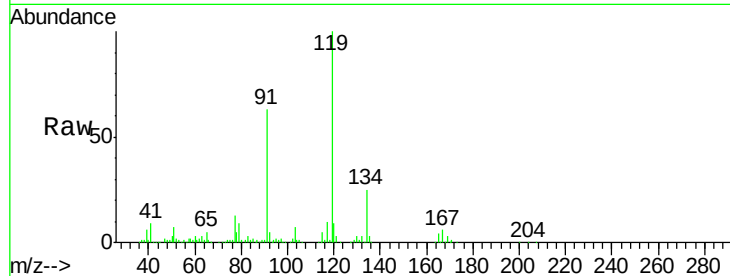
#79
tert-butylbenzene
Concen: 19.053 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	191501		
91	56.9	0.0	111.4	
134	24.1	0.0	47.2	

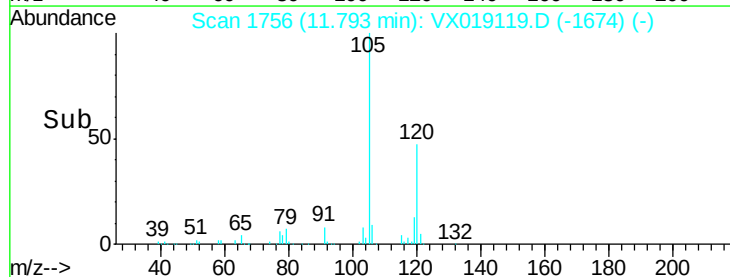
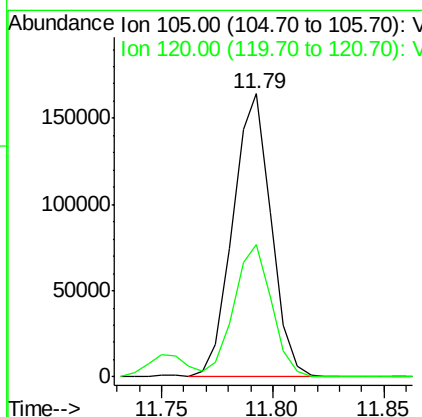
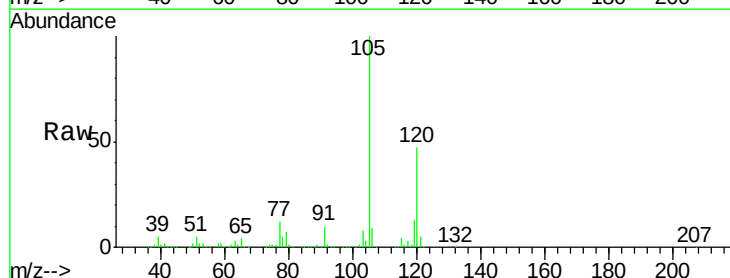
Manual Integrations
APPROVED

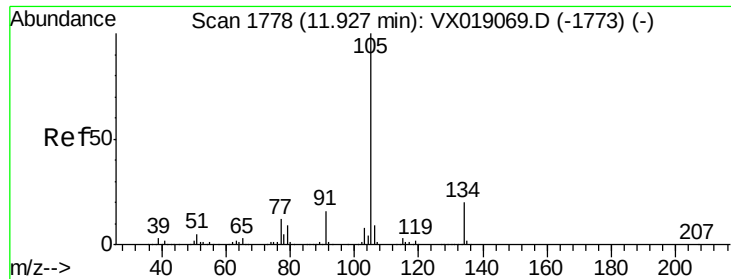
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#80
1,2,4-Trimethylbenzene
Concen: 19.355 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	196377		
120	46.3	0.0	92.0	





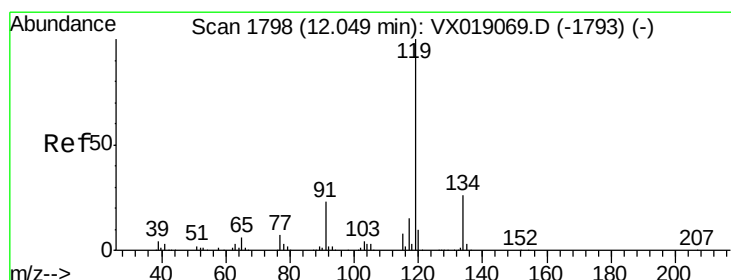
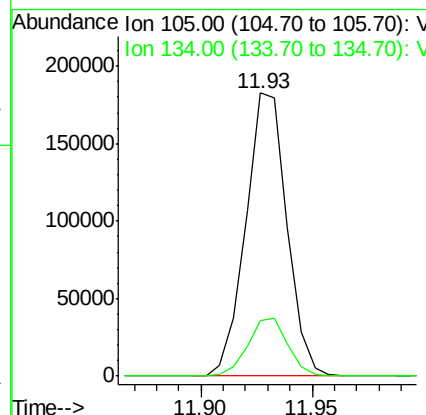
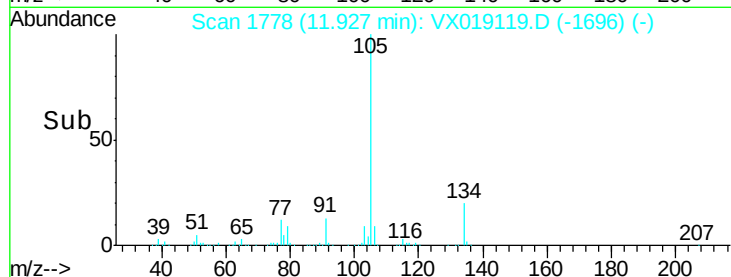
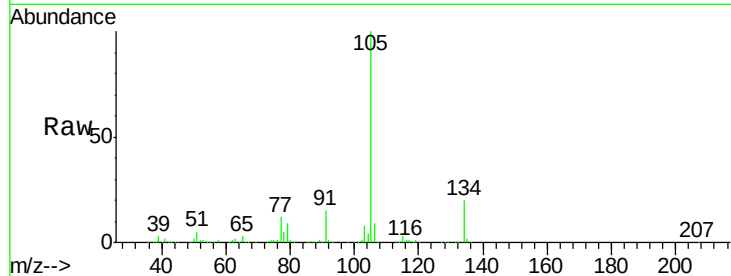
#81
 sec-Butylbenzene
 Concen: 19.784 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	235282		
134	20.1	0.0	40.8	

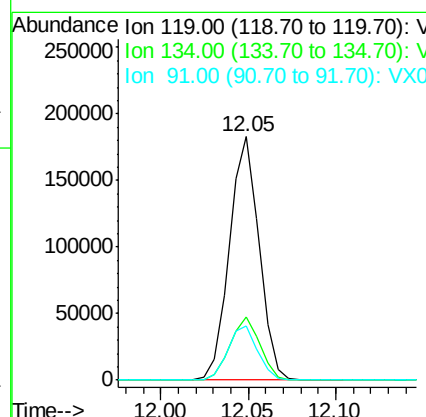
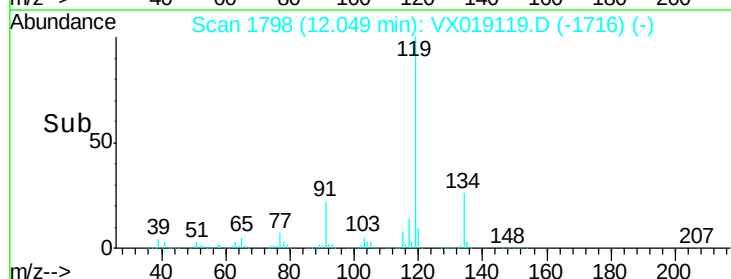
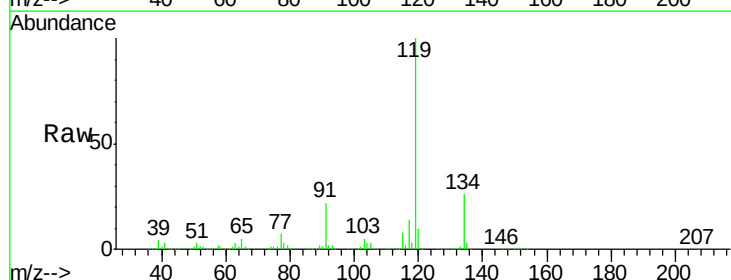
Manual Integrations
 APPROVED

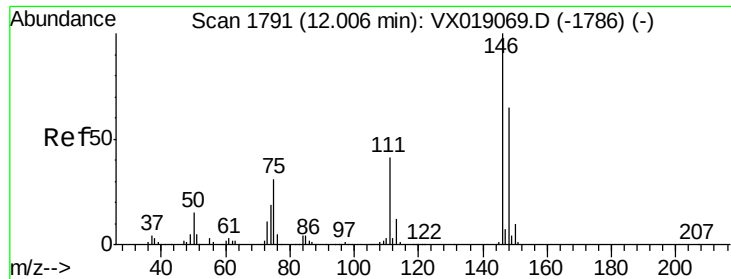
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 10/27/2020 6:55:14 PM



#82
 p-Isopropyltoluene
 Concen: 19.617 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	215010		
134	26.3	0.0	52.0	
91	22.4	0.0	45.6	





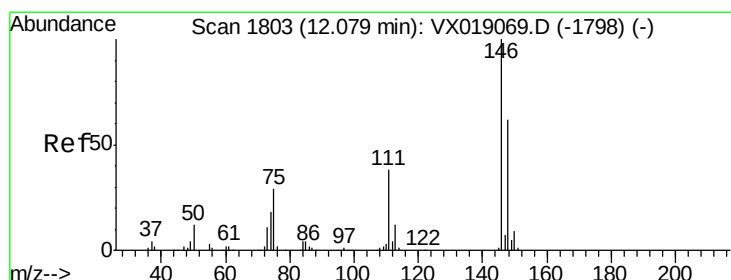
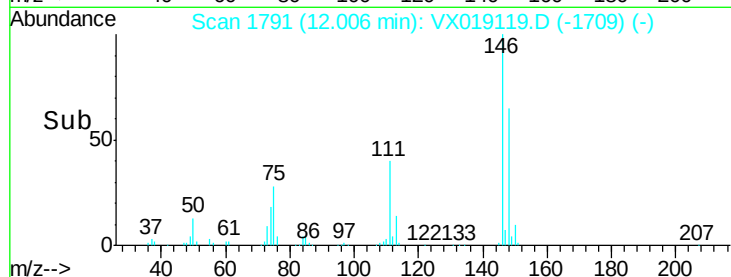
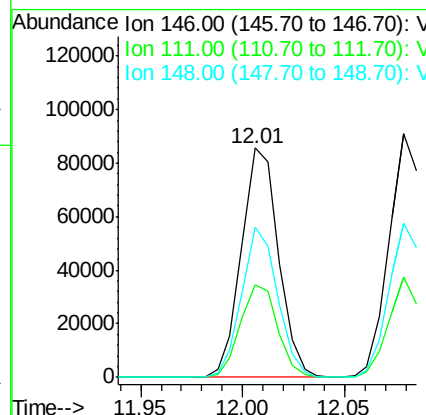
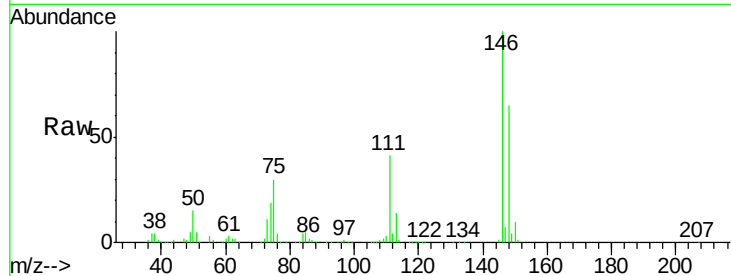
#83
 1,3-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	63.3	32.2	96.6

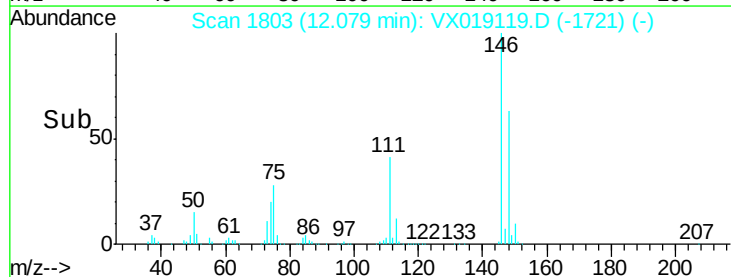
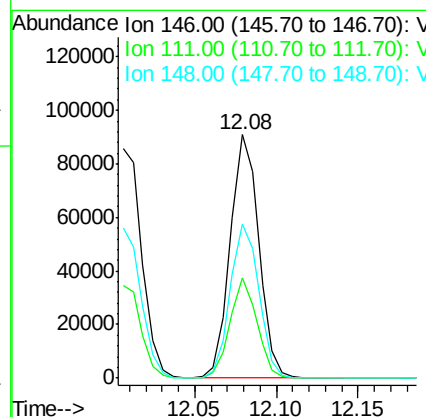
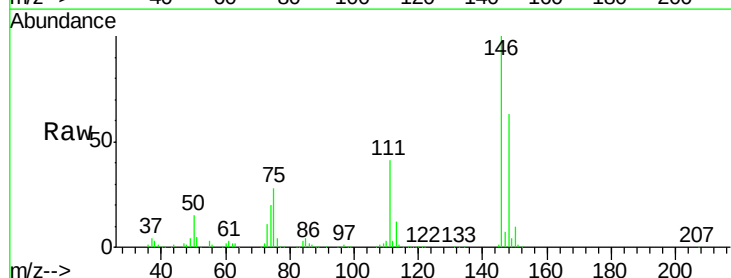
Manual Integrations
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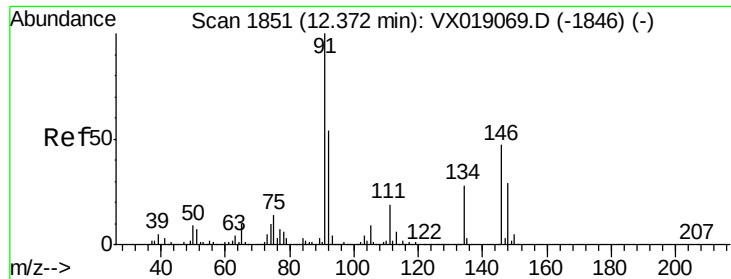
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#84
 1,4-Dichlorobenzene
 Concen: 19.875 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.7
148	63.7	31.6	95.0





#85

n-Butylbenzene

Concen: 19.757 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion: 91 Resp: 193897
Ion Ratio Lower Upper

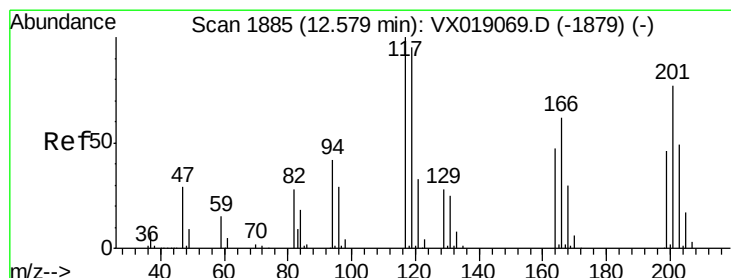
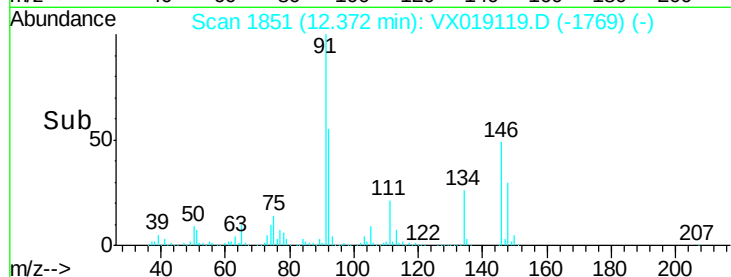
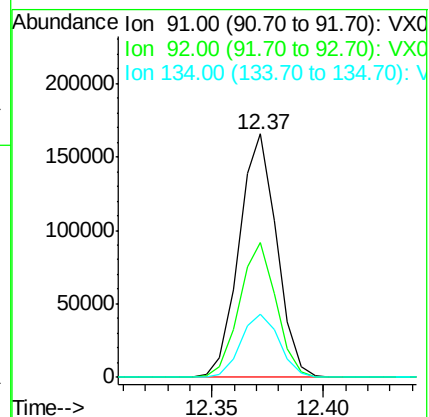
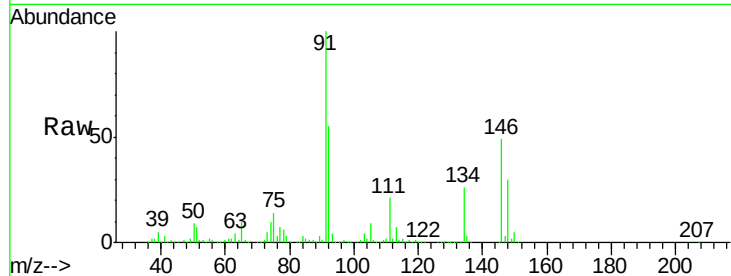
91 100

92 54.6 0.0 107.4

134 26.7 0.0 54.6

Manual Integrations
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#86

Hexachloroethane

Concen: 18.544 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

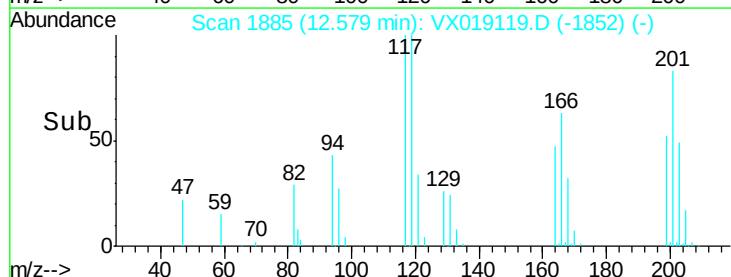
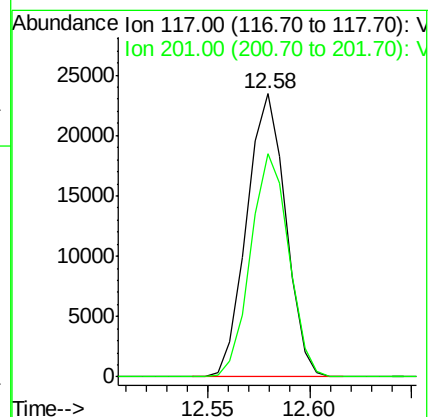
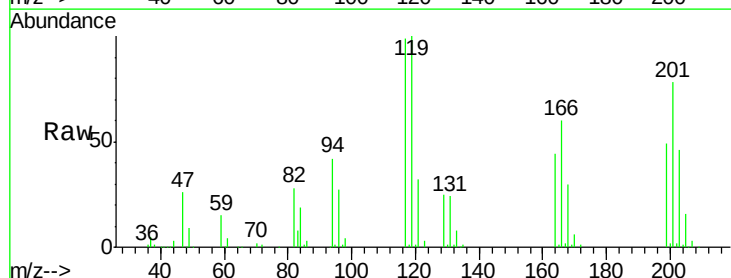
Lab File: VX019119.D

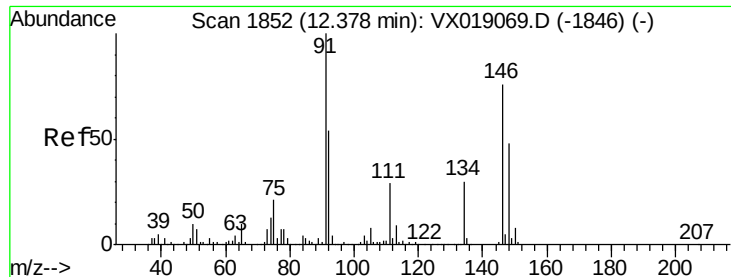
Acq: 26 Oct 2020 15:02

Tgt Ion: 117 Resp: 31219
Ion Ratio Lower Upper

117 100

201 77.2 38.4 115.1





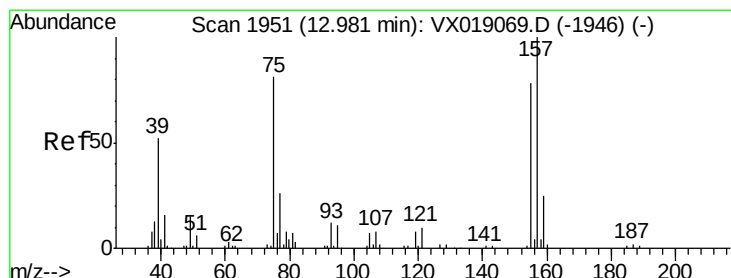
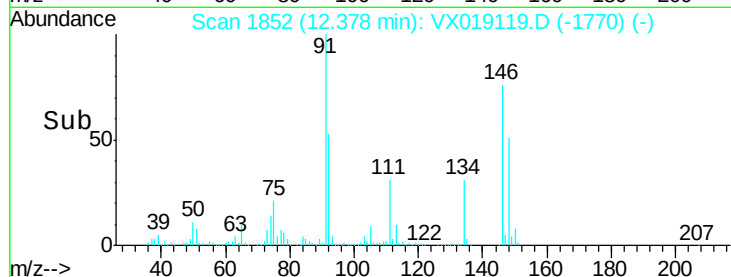
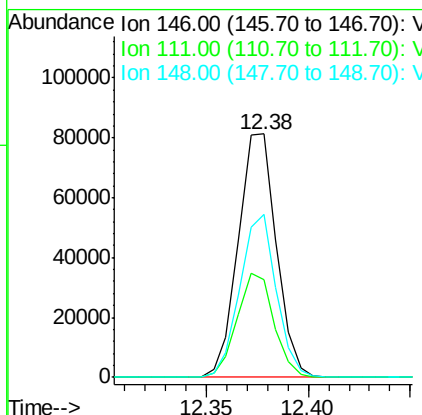
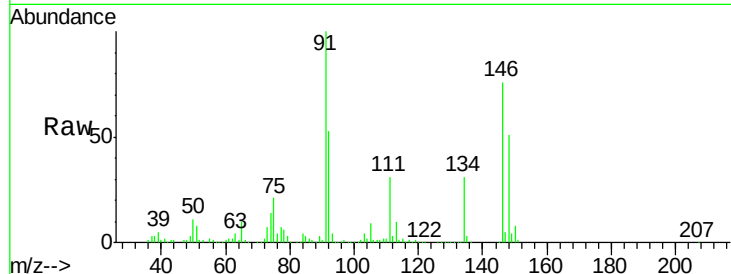
#87
 1,2-Dichlorobenzene
 Concen: 20.140 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	61.0
148	63.7	32.1	96.5

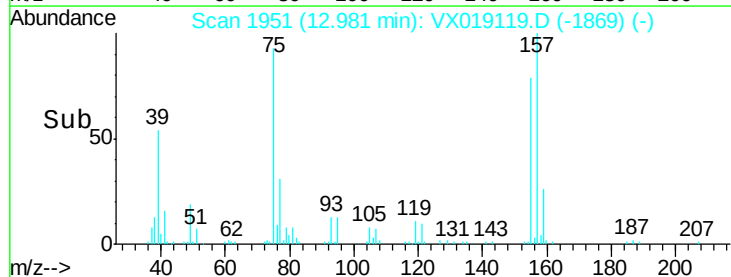
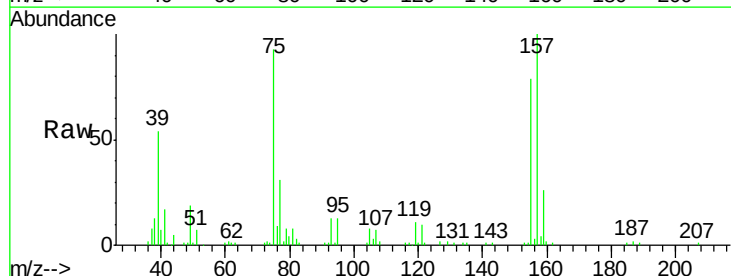
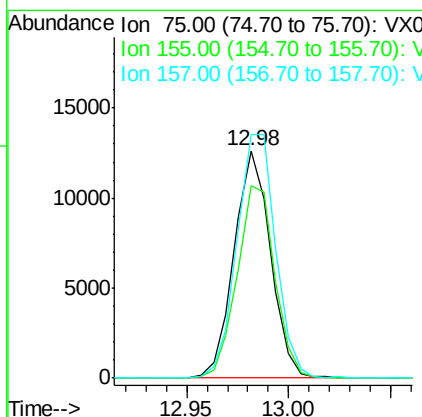
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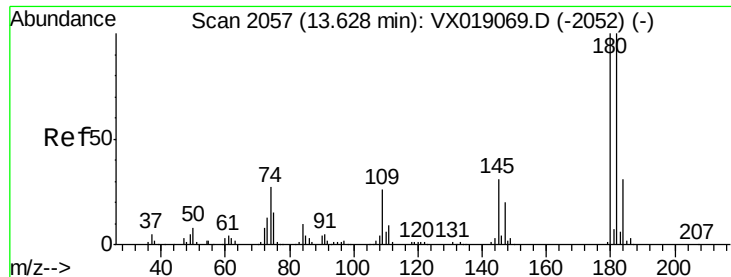
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.954 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	73.7	110.5
157	114.7	96.5	144.7





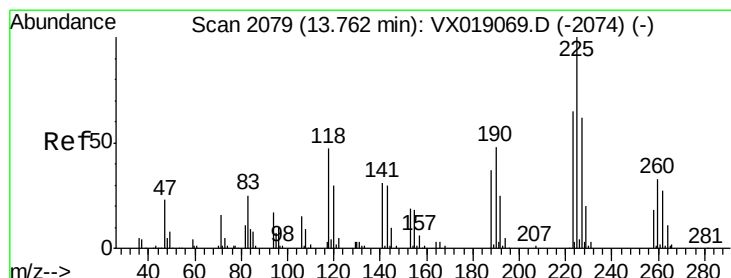
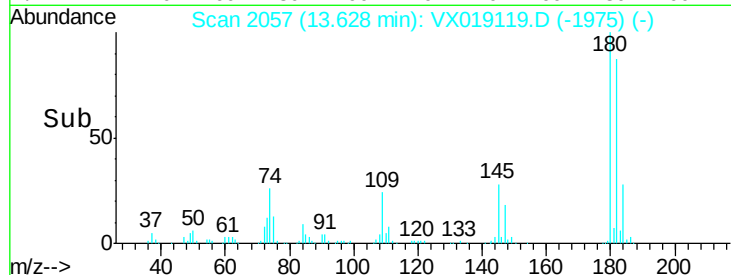
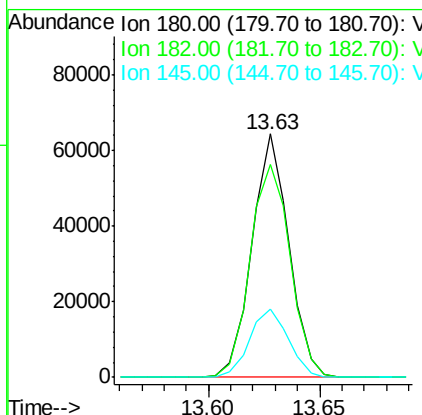
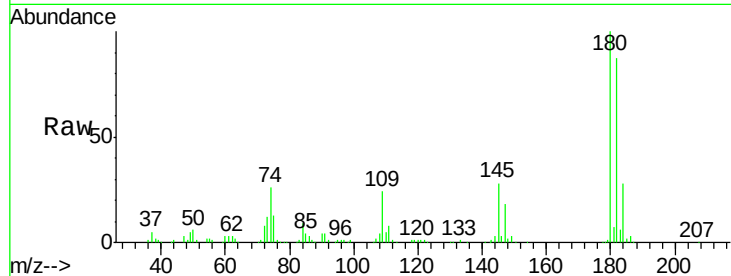
#89
1,2,4-Trichlorobenzene
Concen: 19.610 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.5	114.7
145	29.7	24.2	36.4

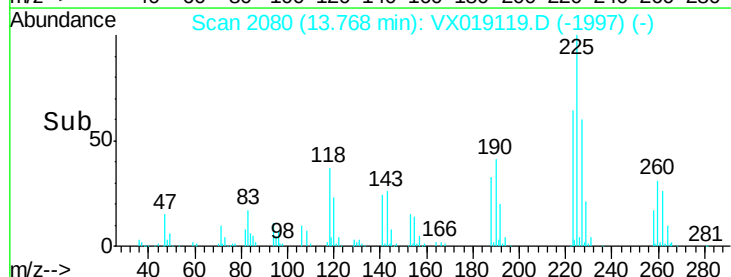
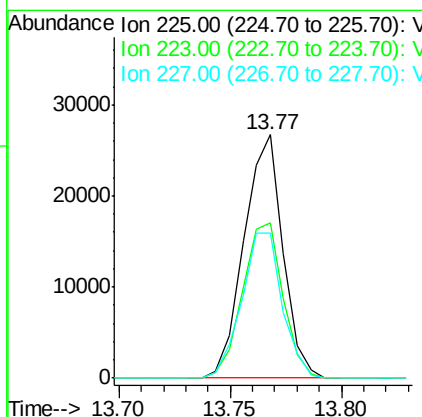
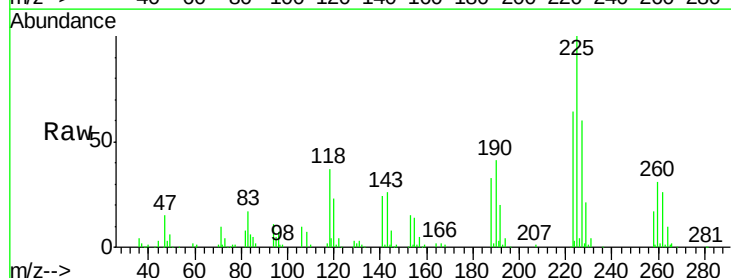
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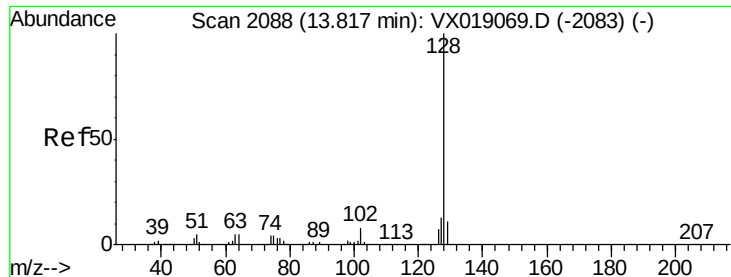
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#90
Hexachlorobutadiene
Concen: 20.281 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	0.0	130.0
227	62.6	0.0	128.6





#91

Naphthalene

Concen: 19.133 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

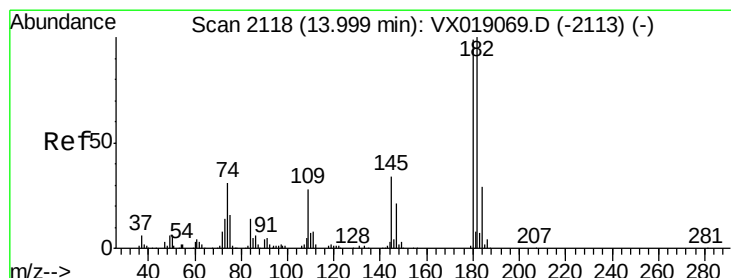
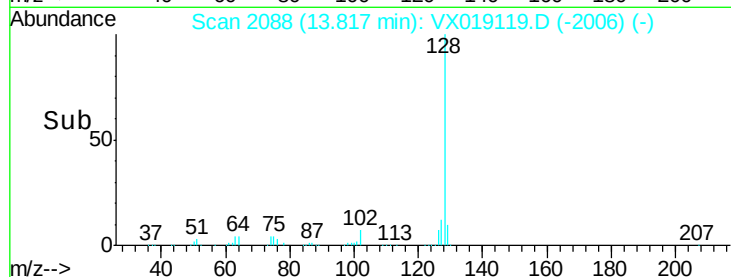
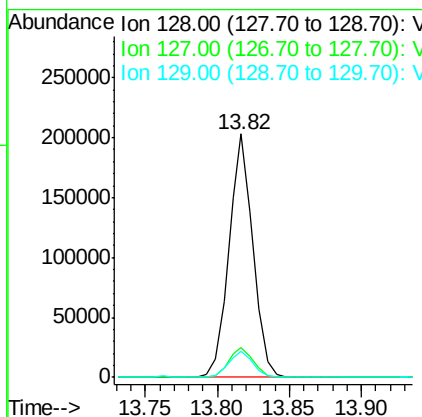
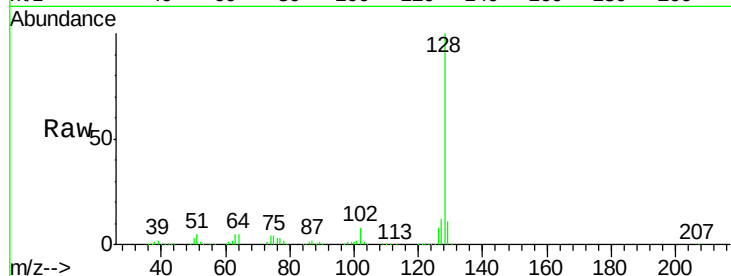
ClientSampleId :

VX1026WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.953 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	0.0	192.4
145	31.9	0.0	64.6

