

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019711.D
 Acq On : 04 Dec 2020 11:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:12 AM

Quant Time: Dec 04 13:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	344631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	560574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	511345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	22373	4.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	9.80%#
35) Dibromofluoromethane	5.46	113	17947	4.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	9.78%#
50) Toluene-d8	8.70	98	68017	4.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	9.68%#
62) 4-Bromofluorobenzene	11.12	95	24938	4.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.36%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	15605	4.632	ug/l 96
3) Chloromethane	1.31	50	19044	4.115	ug/l 99
4) Vinyl Chloride	1.39	62	20131	4.834	ug/l 96
5) Bromomethane	1.62	94	7213	4.850	ug/l 97
6) Chloroethane	1.70	64	12648	2.388	ug/l 99
7) Trichlorofluoromethane	1.91	101	27929	4.854	ug/l 95
8) Diethyl Ether	2.17	74	11697	4.837	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	15779	4.621	ug/l 97
10) Methyl Iodide	2.49	142	22395	4.786	ug/l 99
11) Tert butyl alcohol	3.01	59	32746	32.333	ug/l 95
12) 1,1-Dichloroethene	2.36	96	15828	4.625	ug/l 97
13) Acrolein	2.27	56	14465	24.843	ug/l 94
14) Allyl chloride	2.71	41	26596	4.833	ug/l 98
15) Acrylonitrile	3.11	53	53038	25.056	ug/l 98
16) Acetone	2.42	43	43172	23.466	ug/l 100
17) Carbon Disulfide	2.55	76	44319	4.774	ug/l 100
18) Methyl Acetate	2.75	43	21283	4.605	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	58296	4.832	ug/l 99
20) Methylene Chloride	2.83	84	22950	4.883	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	18874	4.881	ug/l 98
22) Diisopropyl ether	3.82	45	55397	4.862	ug/l 98
23) Vinyl Acetate	3.78	43	232006	24.183	ug/l 100
24) 1,1-Dichloroethane	3.67	63	34064	4.935	ug/l 99
25) 2-Butanone	4.64	43	66601	24.494	ug/l 100
26) 2,2-Dichloropropane	4.55	77	28208	4.896	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	22211	4.930	ug/l 91
28) Bromochloromethane	4.98	49	15496	4.925	ug/l 98
29) Tetrahydrofuran	5.09	42	43435	24.978	ug/l 99
30) Chloroform	5.18	83	34433	4.856	ug/l 99
31) Cyclohexane	5.54	56	28670	4.751	ug/l 94
32) 1,1,1-Trichloroethane	5.46	97	29072	4.803	ug/l 99
36) 1,1-Dichloropropene	5.76	75	25815	4.981	ug/l 99
37) Ethyl Acetate	4.79	43	26844	5.172	ug/l 99
38) Carbon Tetrachloride	5.75	117	24638	4.787	ug/l 93

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	29136	4.783	ug/l	97
40) Benzene	6.11	78	80885	5.005	ug/l	99
41) Methacrylonitrile	5.00	41	14269	4.967	ug/l	99
42) 1,2-Dichloroethane	6.16	62	27561	4.964	ug/l	100
43) Isopropyl Acetate	6.41	43	42123	4.902	ug/l	99
44) Trichloroethene	7.18	130	20668	4.896	ug/l	98
45) 1,2-Dichloropropane	7.48	63	20085	4.941	ug/l	95
46) Dibromomethane	7.63	93	13248	4.859	ug/l	99
47) Bromodichloromethane	7.87	83	25214	4.665	ug/l	99
48) Methyl methacrylate	7.74	41	20254	4.769	ug/l	97
49) 1,4-Dioxane	7.72	88	9900	101.402	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	129906	24.747	ug/l	100
52) Toluene	8.76	92	50274	4.996	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	27258	4.599	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	30117	4.649	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	20114	4.942	ug/l	98
56) Ethyl methacrylate	9.16	69	27799	4.548	ug/l	98
57) 1,3-Dichloropropane	9.35	76	34712	5.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	76829	23.990	ug/l	100
59) 2-Hexanone	9.47	43	101055	25.449	ug/l	98
60) Dibromochloromethane	9.56	129	19376	4.635	ug/l	99
61) 1,2-Dibromoethane	9.65	107	20771	4.859	ug/l	98
64) Tetrachloroethene	9.32	164	17440	4.939	ug/l	97
65) Chlorobenzene	10.12	112	52033	4.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	18220	4.730	ug/l	97
67) Ethyl Benzene	10.23	91	91513	4.894	ug/l	99
68) m/p-Xylenes	10.34	106	67817	9.699	ug/l	100
69) o-Xylene	10.68	106	32757	4.826	ug/l	99
70) Styrene	10.70	104	54357	4.775	ug/l	98
71) Bromoform	10.84	173	13252	4.445	ug/l #	99
73) Isopropylbenzene	11.00	105	87371	5.081	ug/l	99
74) N-amyl acetate	10.88	43	33679	4.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	31997	5.138	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	29907m	5.284	ug/l	
77) Bromobenzene	11.24	156	22240	4.990	ug/l	100
78) n-propylbenzene	11.34	91	96887	4.887	ug/l	99
79) 2-Chlorotoluene	11.40	91	61795	5.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	73287	5.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	8630	4.265	ug/l	90
82) 4-Chlorotoluene	11.49	91	70512	5.016	ug/l	98
83) tert-Butylbenzene	11.75	119	69694	4.840	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	71942	4.895	ug/l	100
85) sec-Butylbenzene	11.93	105	79103	4.837	ug/l	100
86) p-Isopropyltoluene	12.05	119	71790	4.757	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	40138	4.950	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	40984	4.948	ug/l	94
89) n-Butylbenzene	12.37	91	60719	4.592	ug/l	99
90) Hexachloroethane	12.58	117	12187	4.749	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	40289	5.075	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	6422	4.882	ug/l	91

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

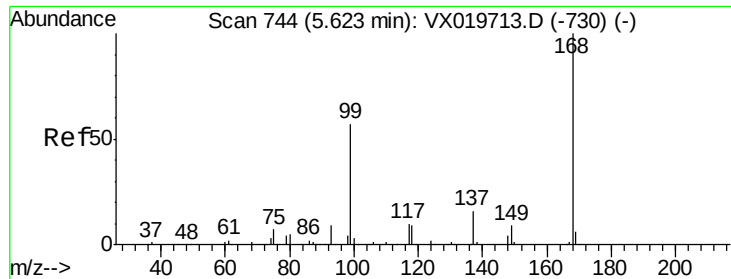
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 13:12:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22662	4.405	ug/l	97
94) Hexachlorobutadiene	13.76	225	10715	4.908	ug/l	99
95) Naphthalene	13.82	128	74974	4.491	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	22905	4.488	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 344631

Ion Ratio Lower Upper

168 100

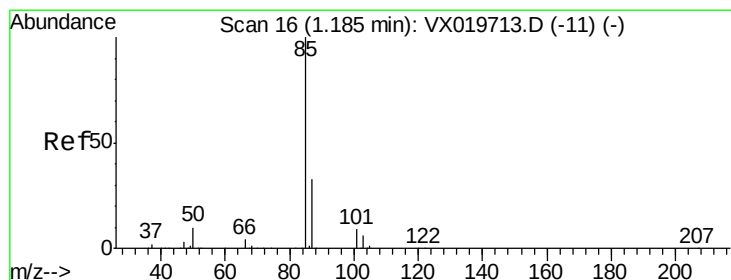
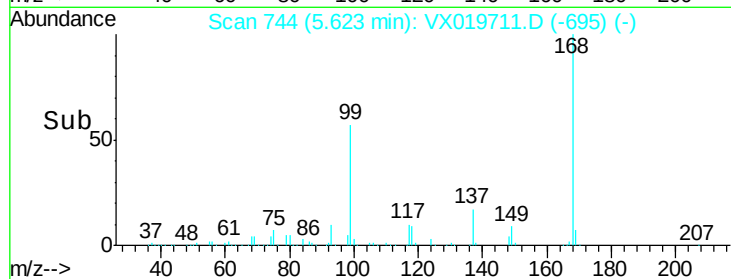
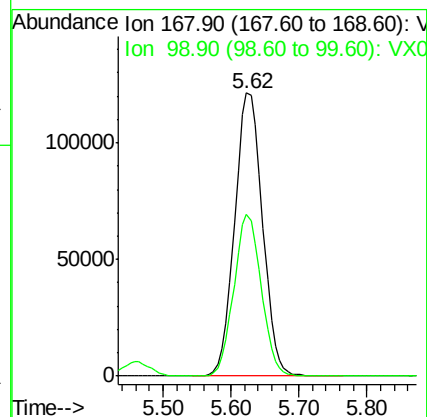
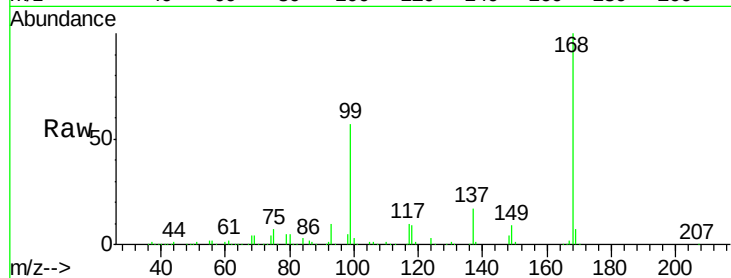
99 57.2 45.8 68.6

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#2

Dichlorodifluoromethane

Concen: 4.632 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019711.D

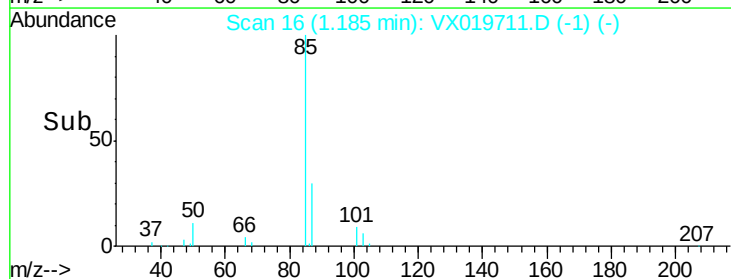
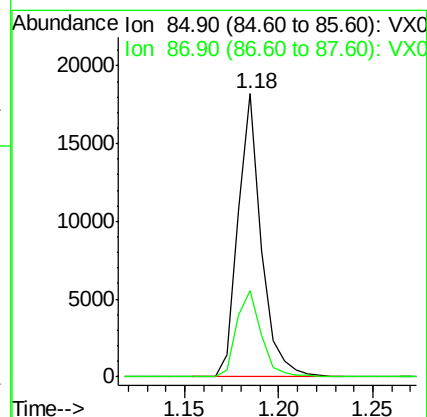
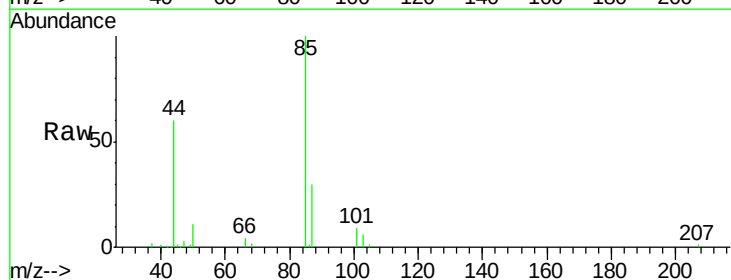
Acq: 04 Dec 2020 11:12

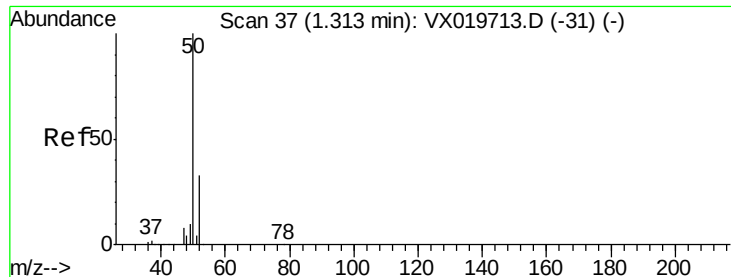
Tgt Ion: 85 Resp: 15605

Ion Ratio Lower Upper

85 100

87 30.4 16.4 49.2





#3

Chloromethane

Concen: 4.115 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 19044

Ion Ratio Lower Upper

50 100

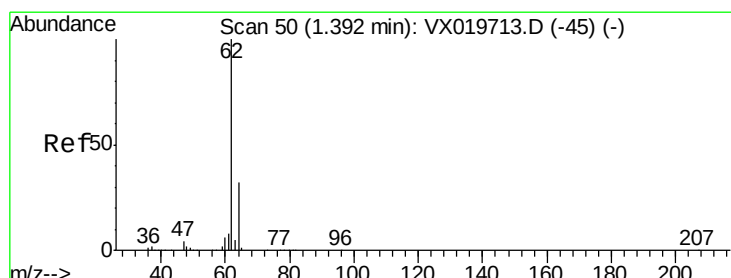
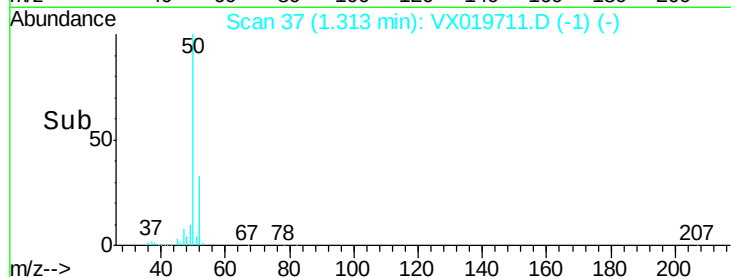
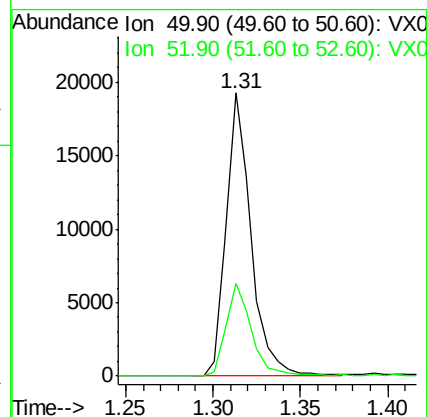
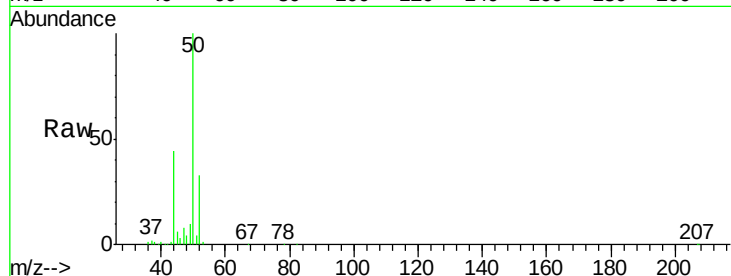
52 32.7 26.4 39.6

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#4

Vinyl Chloride

Concen: 4.834 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019711.D

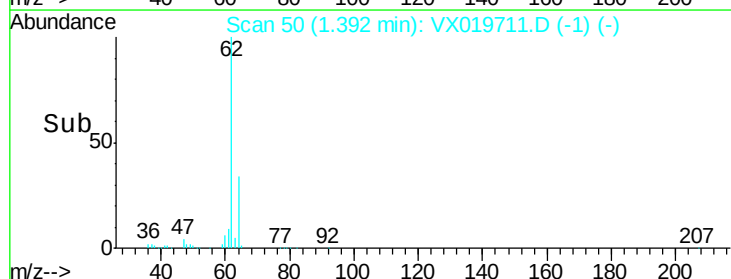
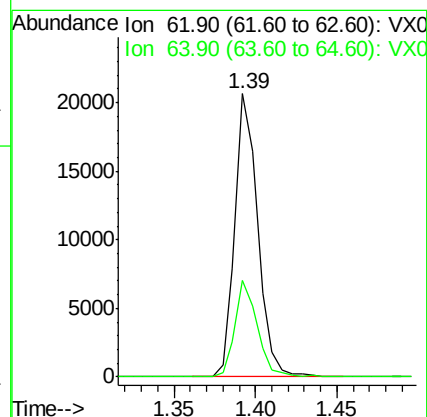
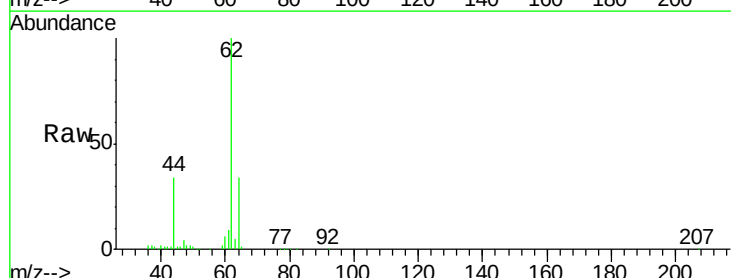
Acq: 04 Dec 2020 11:12

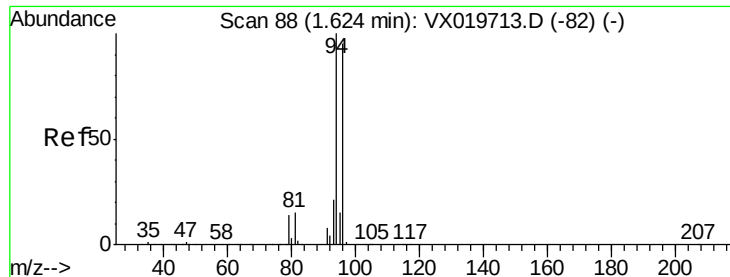
Tgt Ion: 62 Resp: 20131

Ion Ratio Lower Upper

62 100

64 34.2 25.7 38.5





#5

Bromomethane

Concen: 4.850 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7213

Ion Ratio Lower Upper

94 100

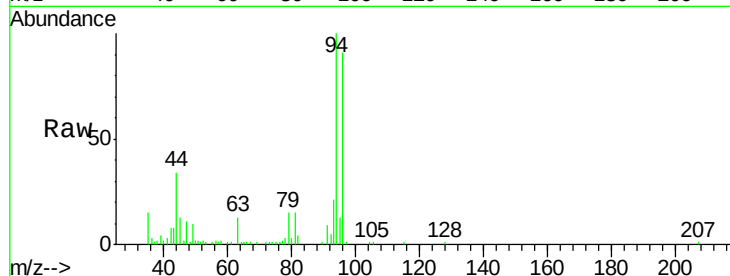
96 92.2 76.4 114.6

Manual Integrations

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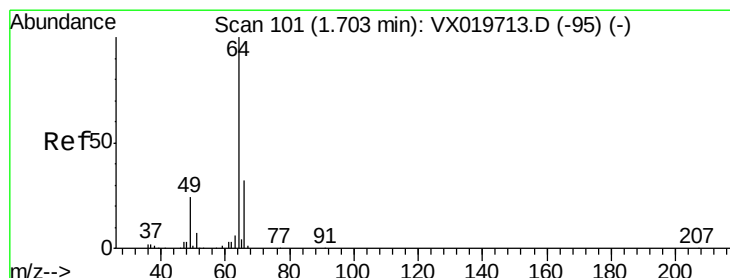
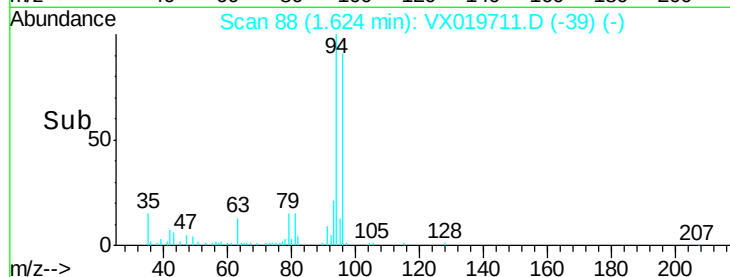
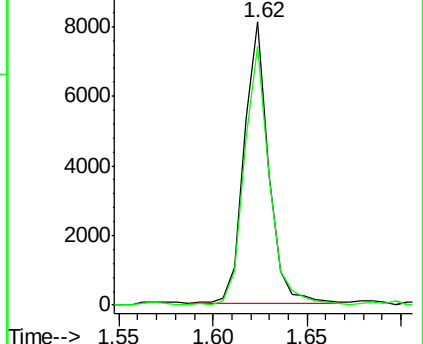
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.388 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019711.D

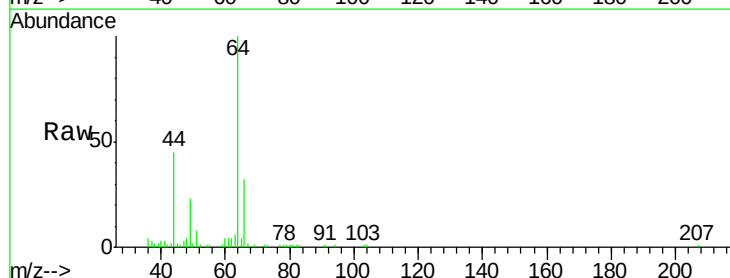
Acq: 04 Dec 2020 11:12

Tgt Ion: 64 Resp: 12648

Ion Ratio Lower Upper

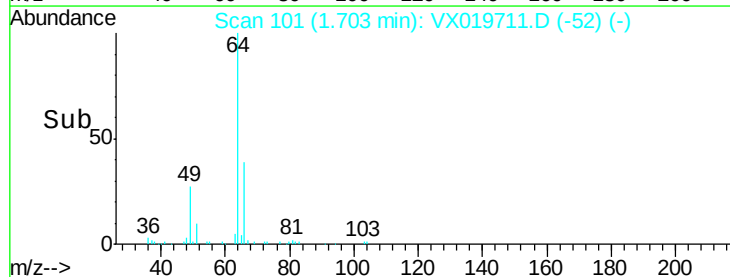
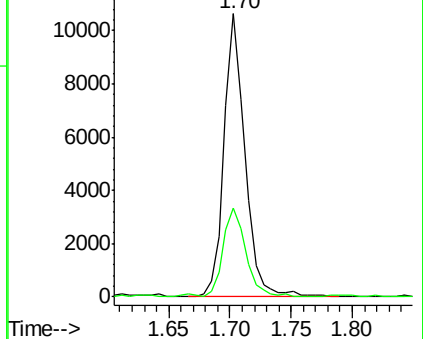
64 100

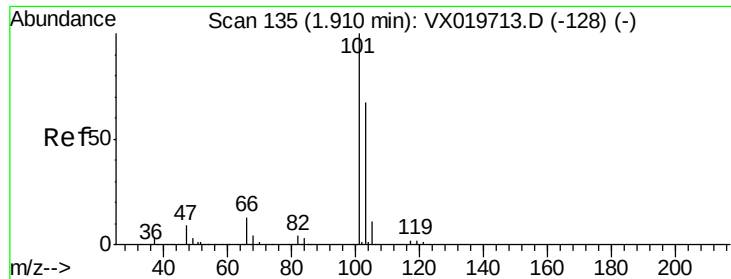
66 30.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

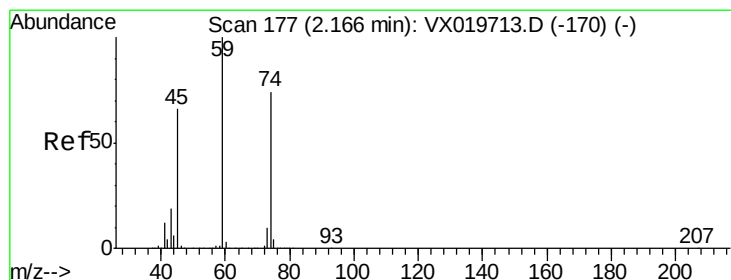
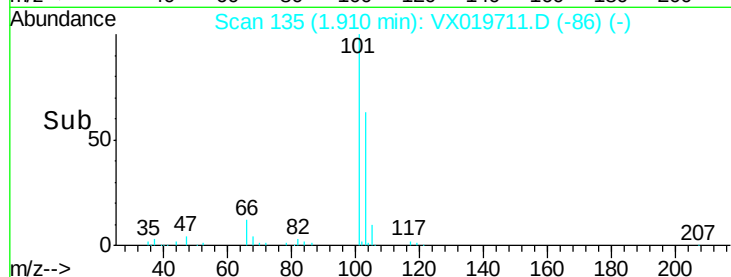
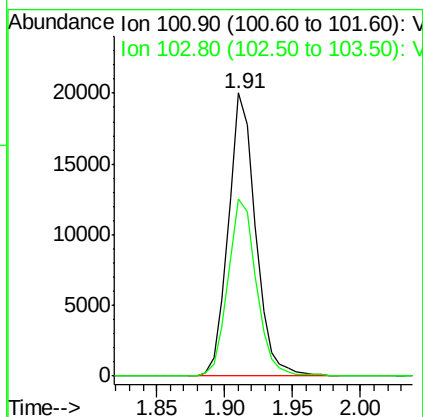
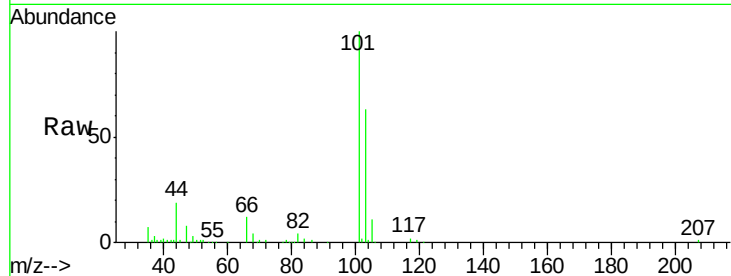
Trichlorofluoromethane
Concen: 4.854 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

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MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	53.2	79.8

Manual Integrations
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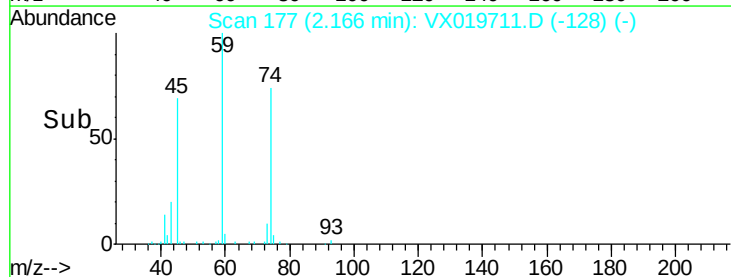
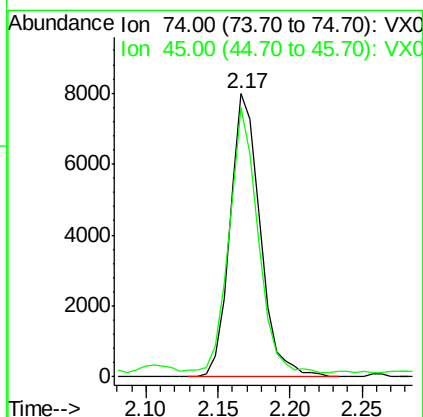
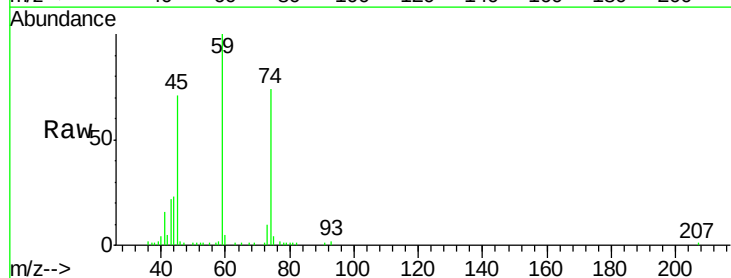
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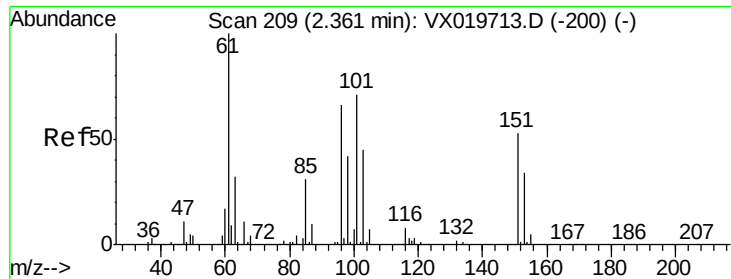


#8

Diethyl Ether
Concen: 4.837 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.621 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

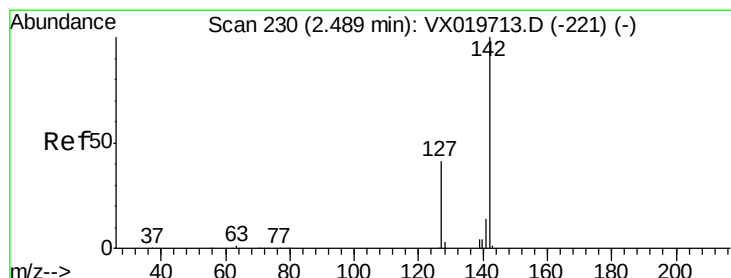
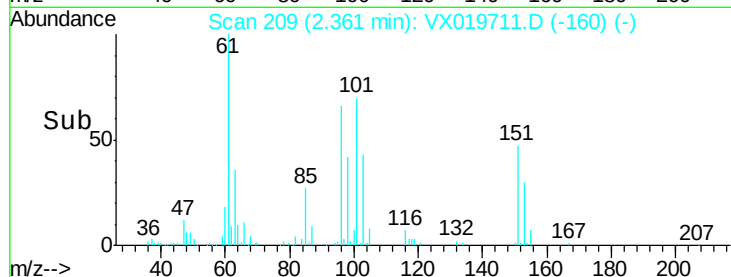
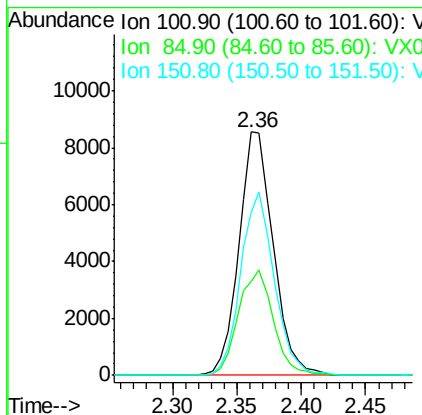
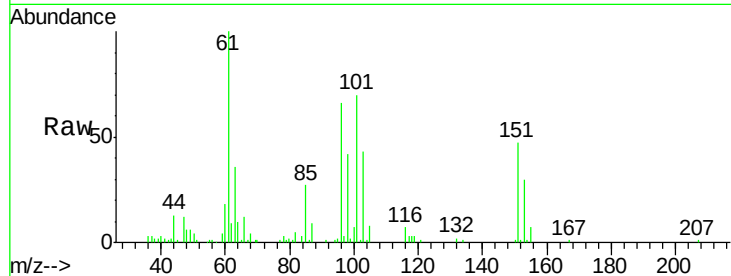
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15779
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	73.4	61.4	92.2

Manual Integrations
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12/7/2020 10:56:12 AM



#10

Methyl Iodide

Concen: 4.786 ug/l

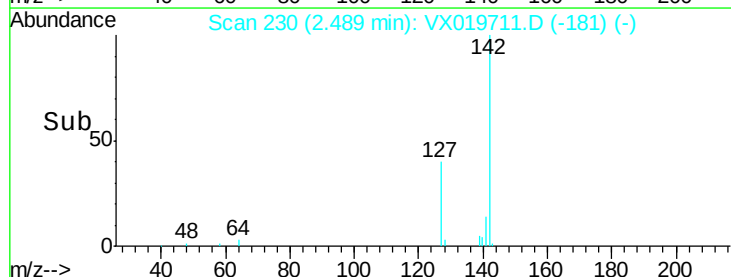
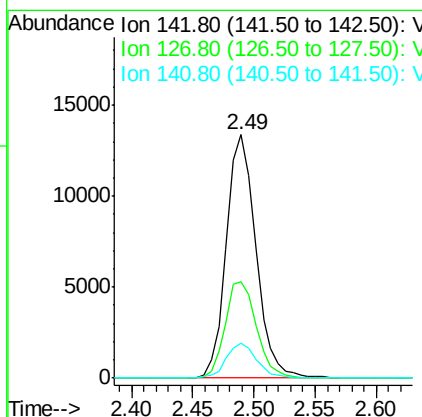
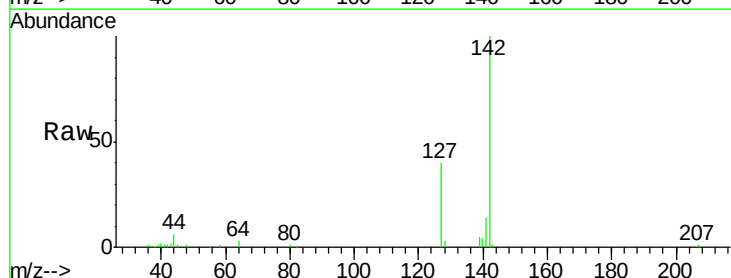
RT: 2.49 min Scan# 230

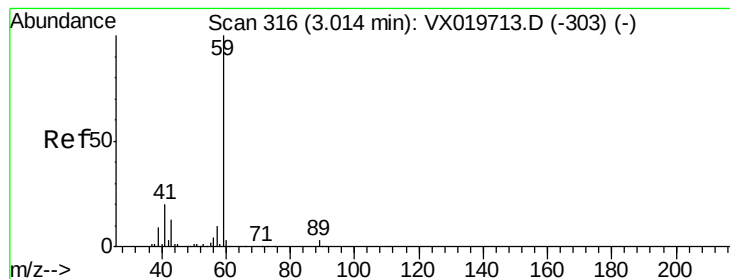
Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	142	Resp:	22395
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.3	49.9
141	14.7	11.4	17.0





#11

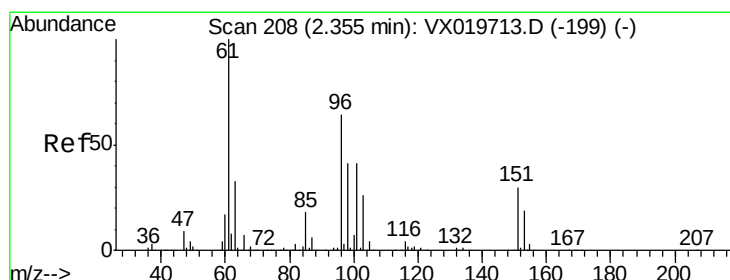
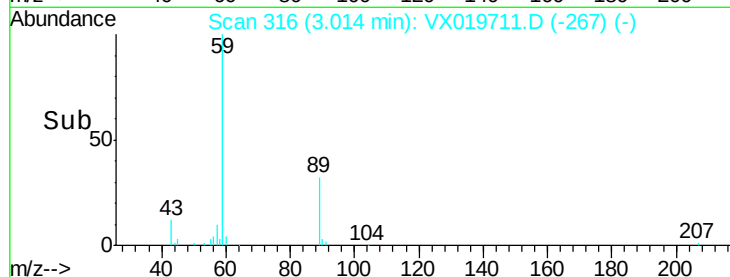
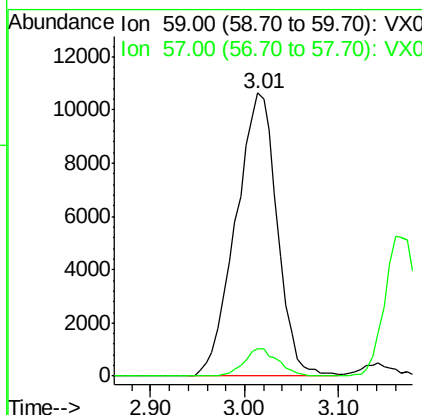
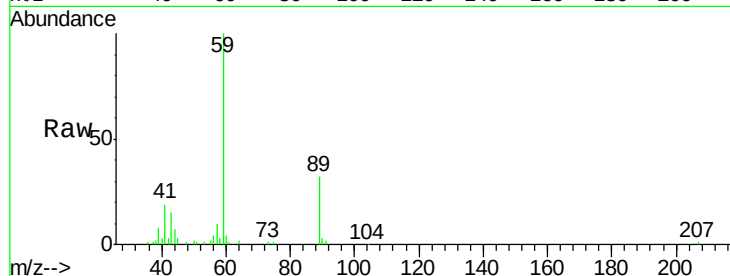
Tert butyl alcohol
Concen: 32.333 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.8	11.8

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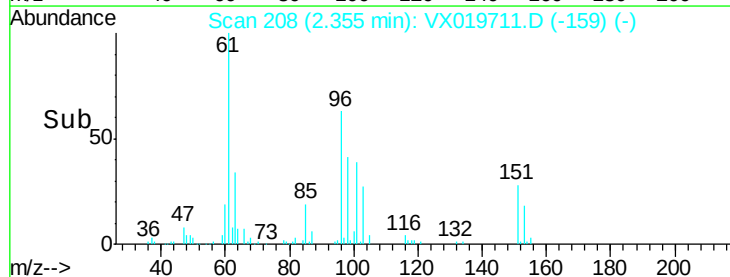
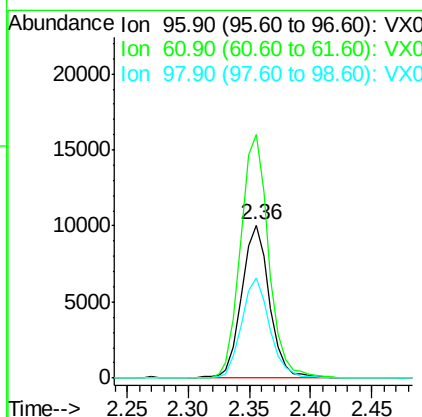
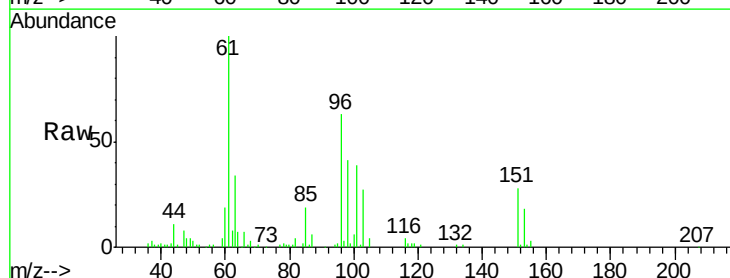
MMDadoda
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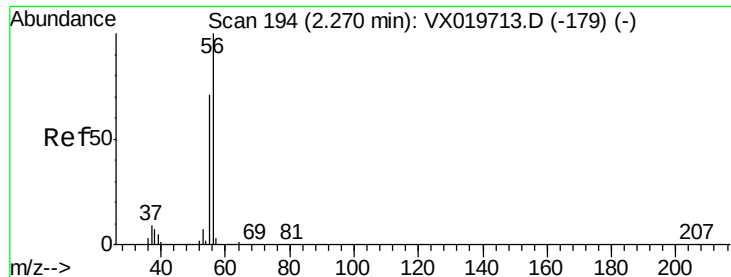


#12

1,1-Dichloroethene
Concen: 4.625 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	124.6	187.0
98	65.2	50.6	76.0





#13

Acrolein

Concen: 24.843 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 14465

Ion Ratio Lower Upper

56 100

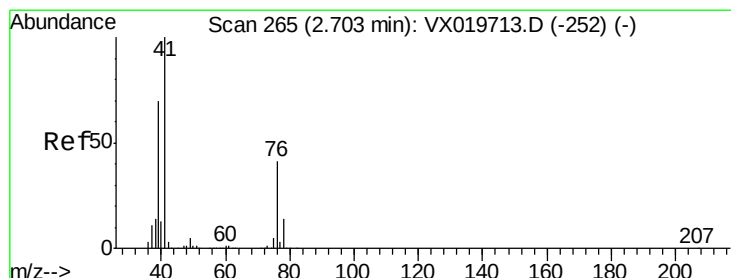
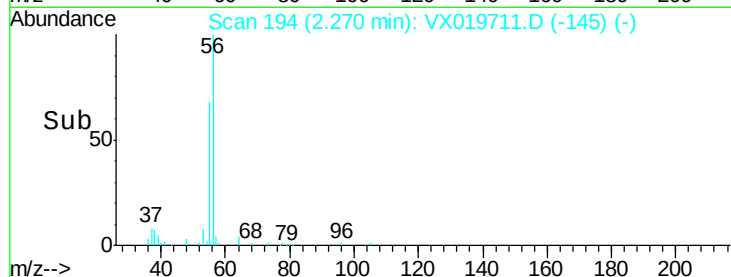
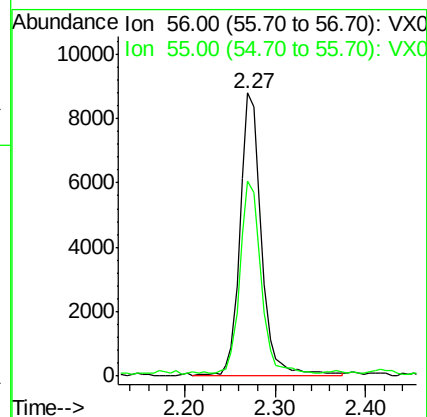
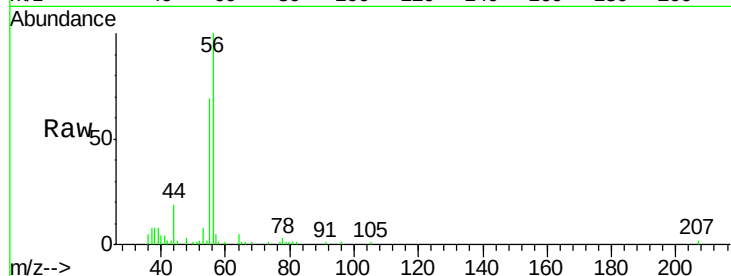
55 65.7 56.4 84.6

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#14

Allyl chloride

Concen: 4.833 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

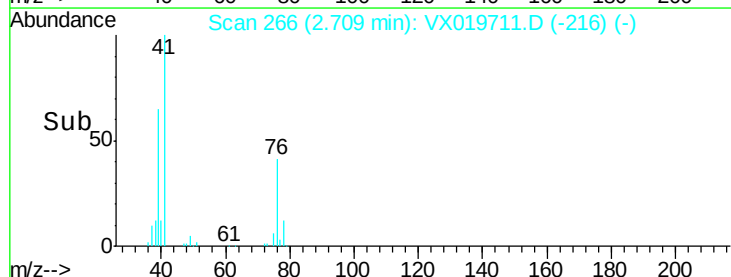
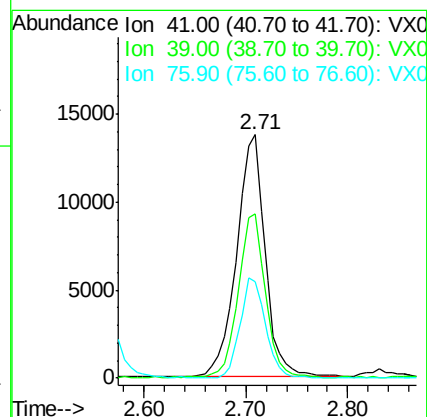
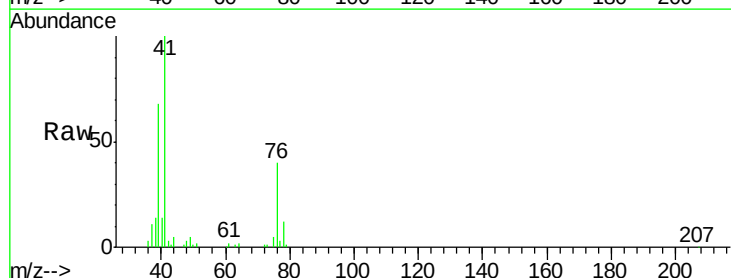
Tgt Ion: 41 Resp: 26596

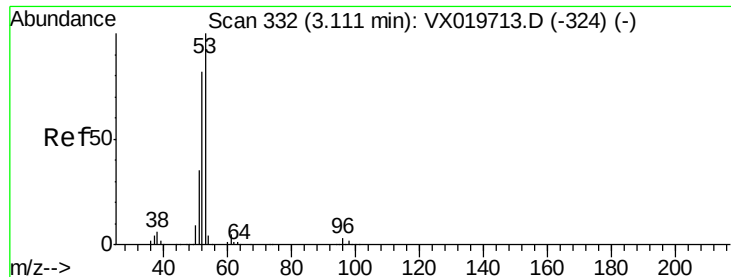
Ion Ratio Lower Upper

41 100

39 65.4 51.6 77.4

76 36.8 30.5 45.7





#15

Acrylonitrile

Concen: 25.056 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

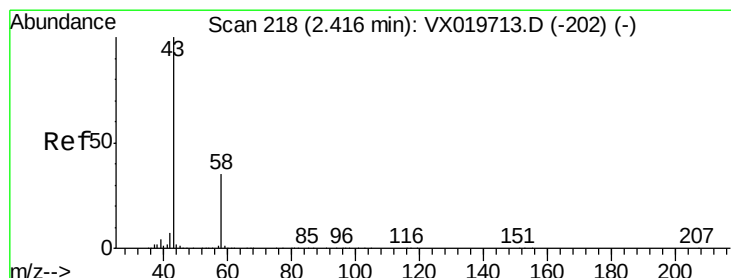
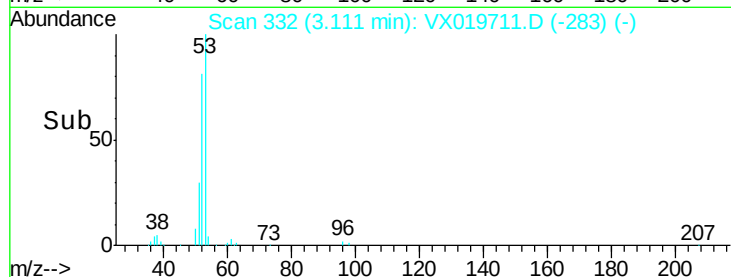
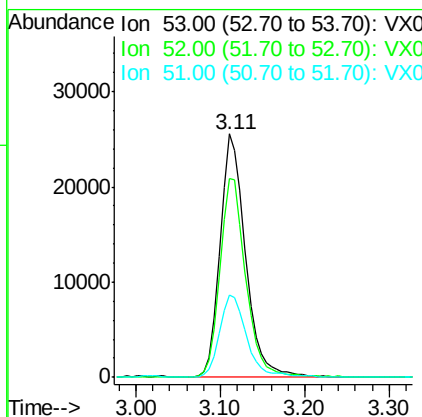
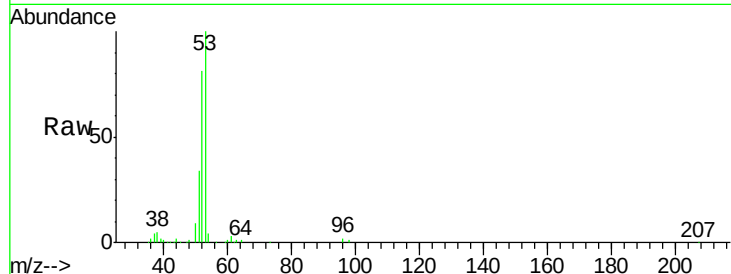
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	53038
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	36.1	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 23.466 ug/l

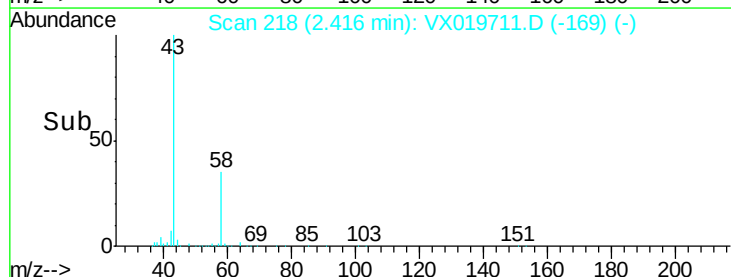
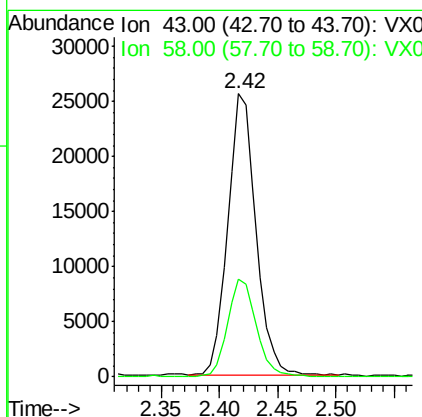
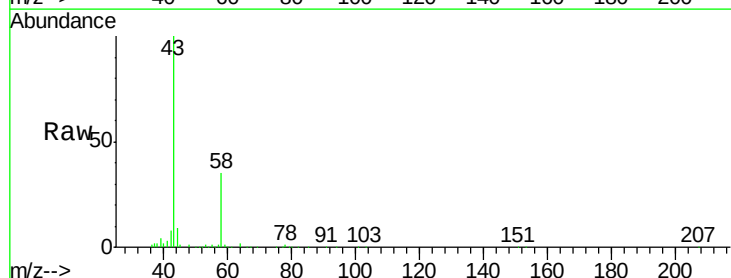
RT: 2.42 min Scan# 218

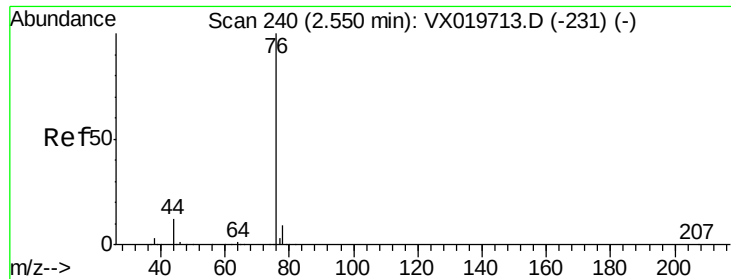
Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	43	Resp:	43172
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.8	41.8





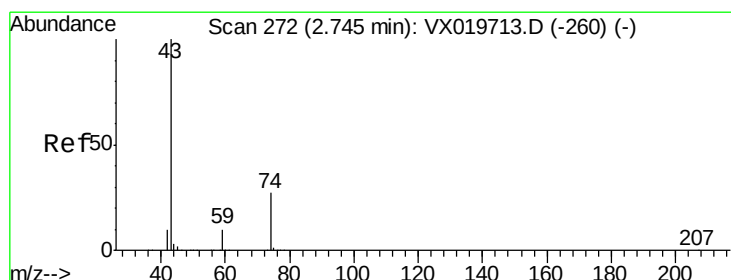
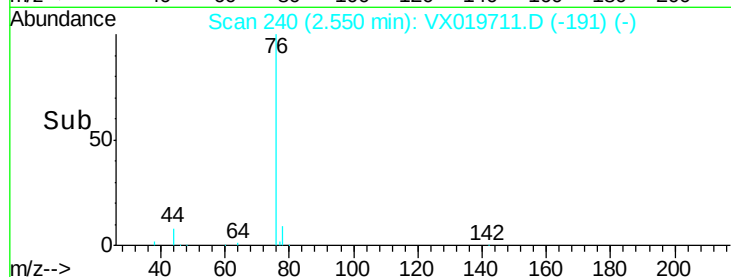
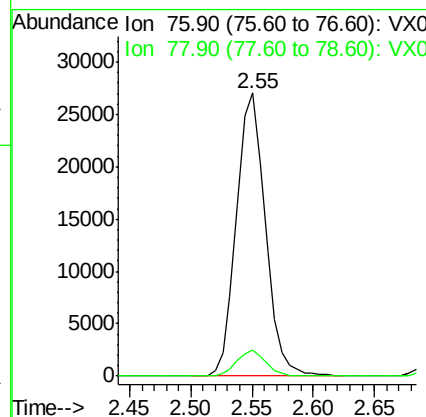
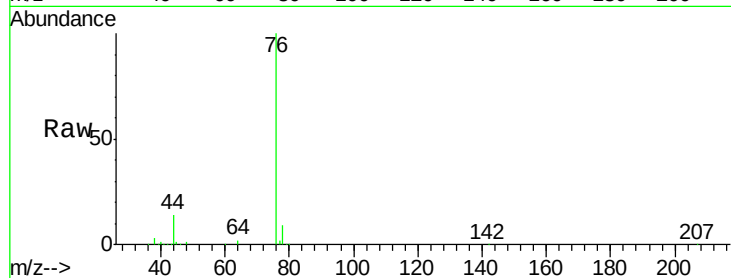
#17
Carbon Disulfide
Concen: 4.774 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	76	Resp	44319
Ion Ratio	Lower	Upper	
76	100		
78	9.1	7.2	10.8

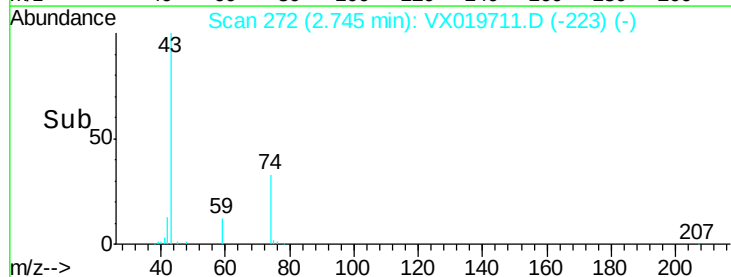
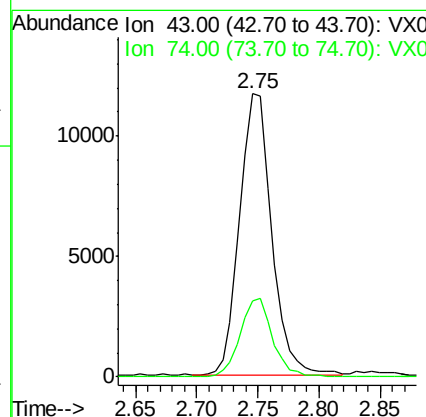
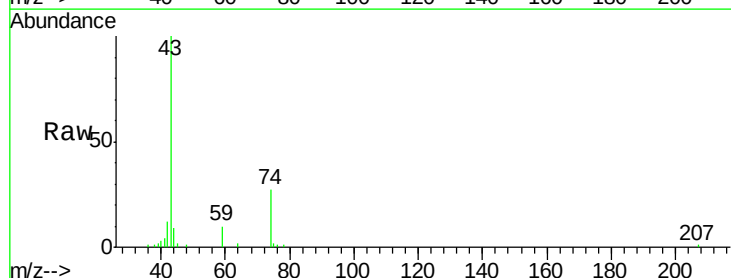
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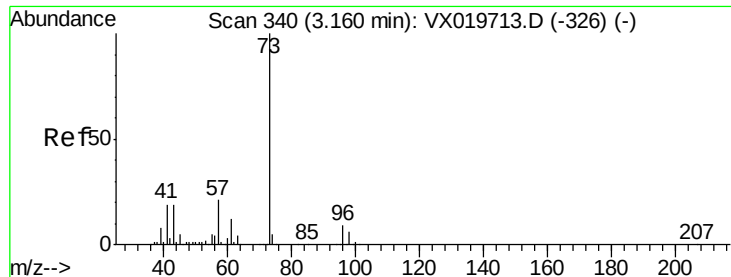
MMDadoda
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#18
Methyl Acetate
Concen: 4.605 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	43	Resp	21283
Ion Ratio	Lower	Upper	
43	100		
74	28.1	21.9	32.9





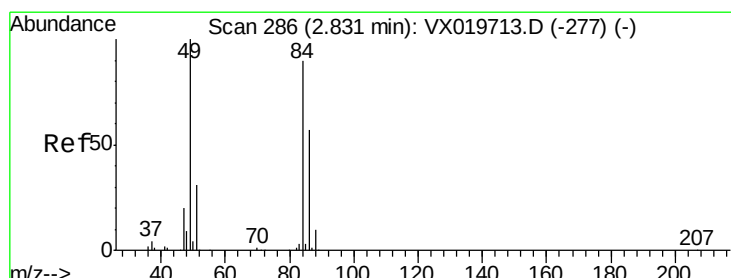
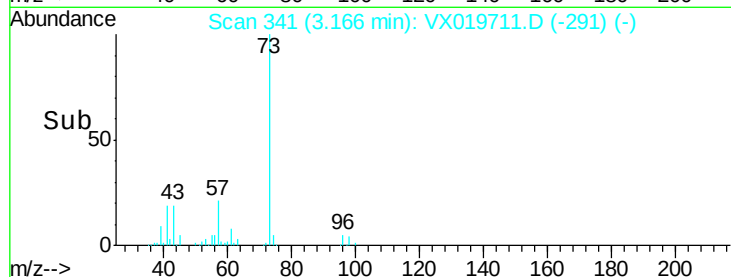
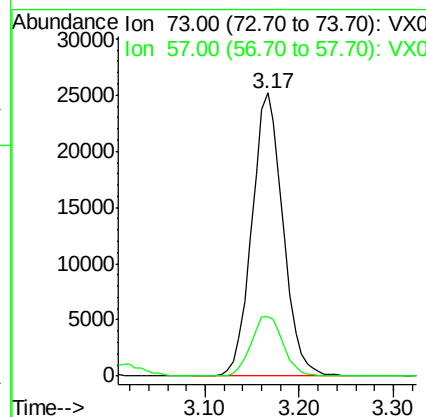
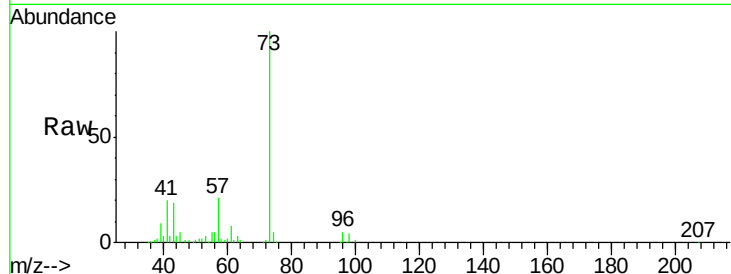
#19
Methyl tert-butyl Ether
Concen: 4.832 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.8	17.1	25.7

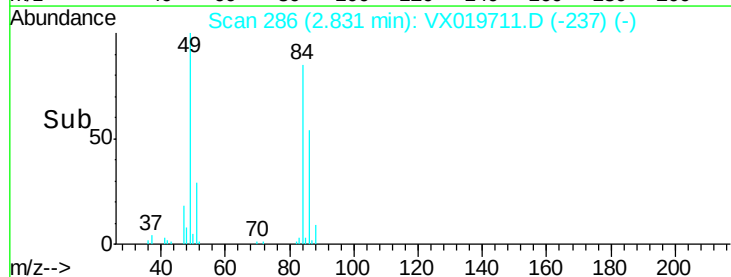
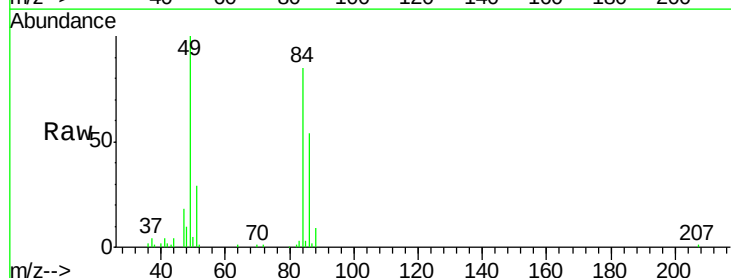
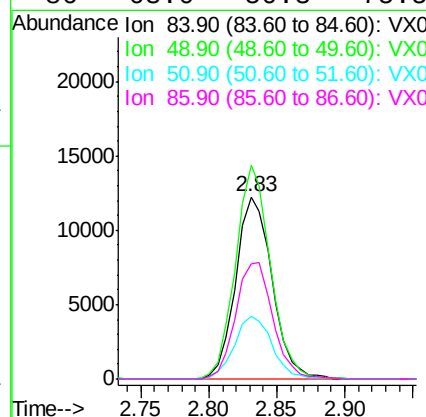
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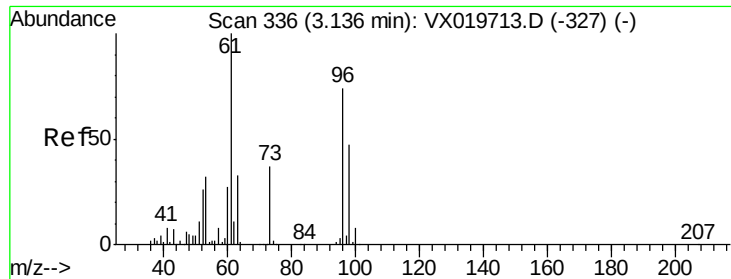
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#20
Methylene Chloride
Concen: 4.883 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	117.2	88.6	132.8
51	51	34.2	27.0	40.6
86	86	63.0	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 4.881 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

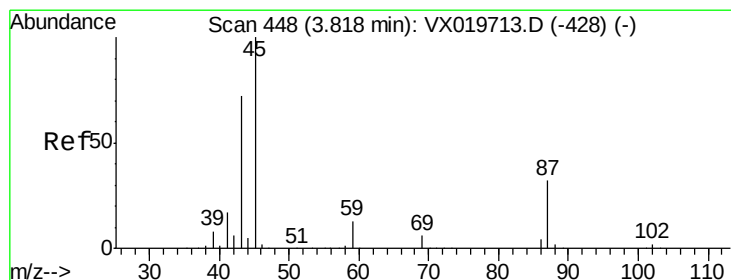
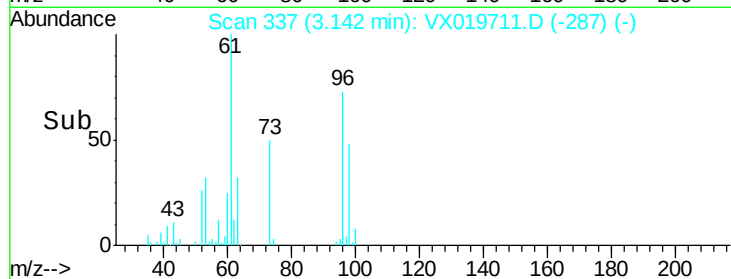
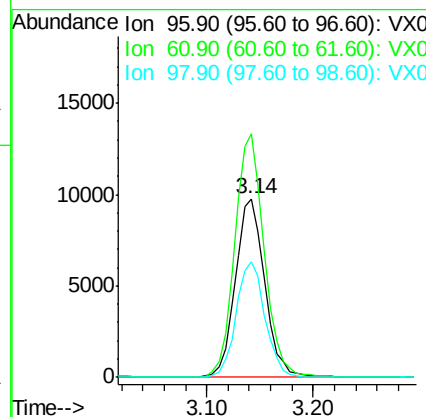
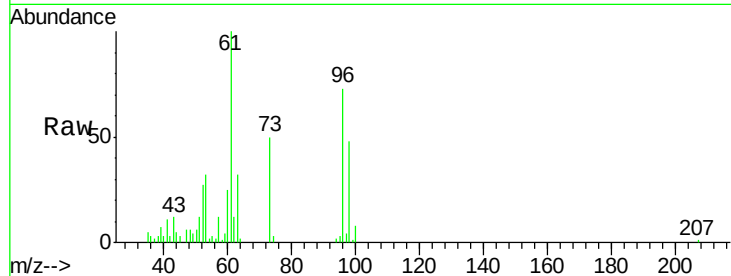
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	18874
Ion	Ratio	Lower	Upper
96	100		
61	136.2	107.7	161.5
98	64.8	50.4	75.6

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#22

Diisopropyl ether

Concen: 4.862 ug/l

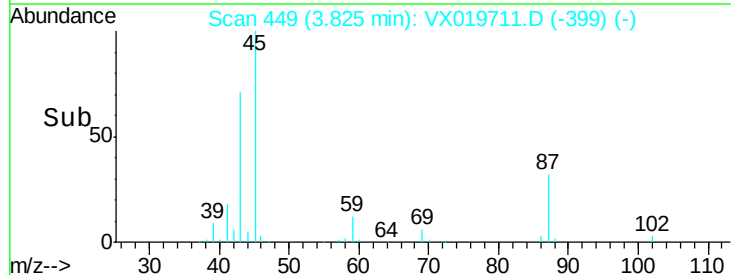
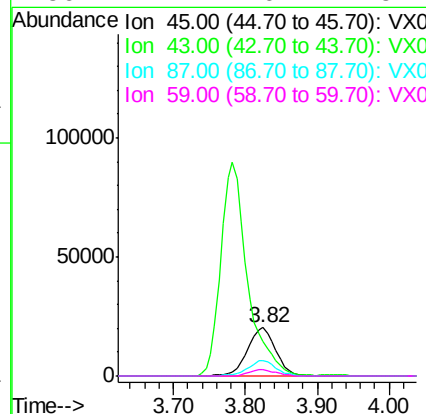
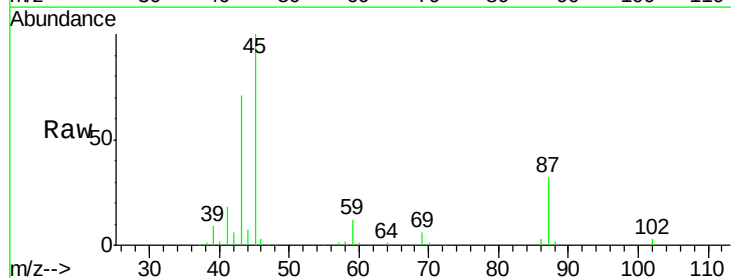
RT: 3.82 min Scan# 449

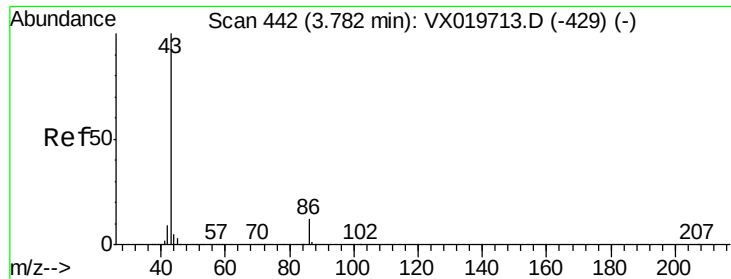
Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	45	Resp:	55397
Ion	Ratio	Lower	Upper
45	100		
43	70.6	58.0	87.0
87	31.6	25.4	38.0
59	12.2	10.2	15.2





#23

Vinyl Acetate

Concen: 24.183 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 232006

Ion Ratio Lower Upper

43 100

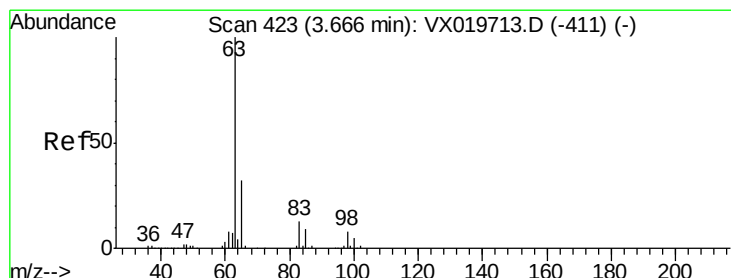
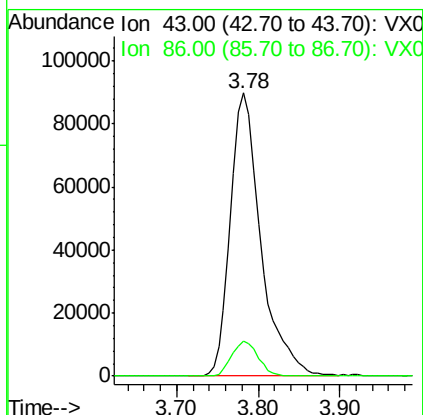
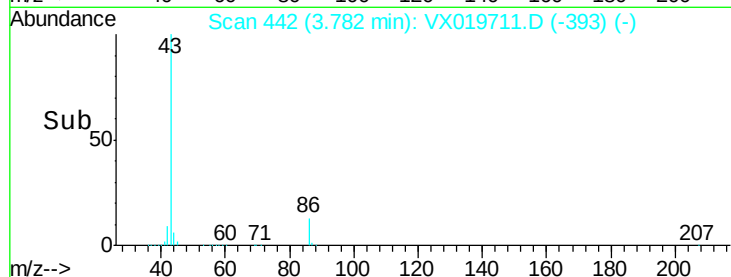
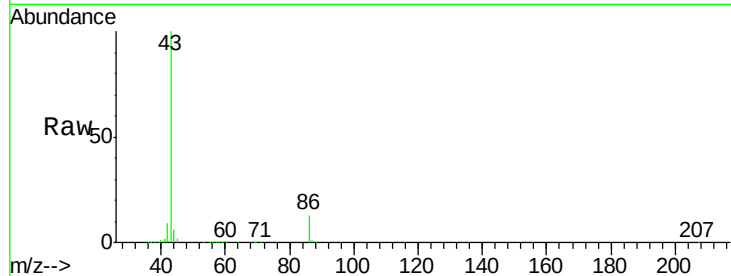
86 12.5 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 4.935 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

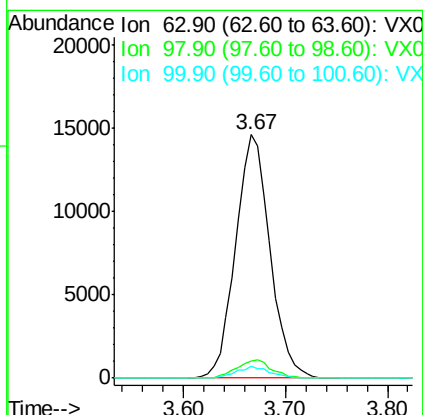
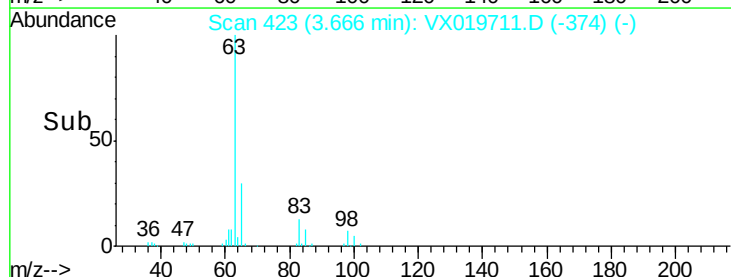
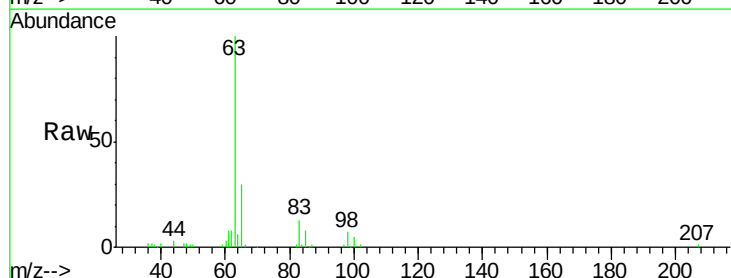
Tgt Ion: 63 Resp: 34064

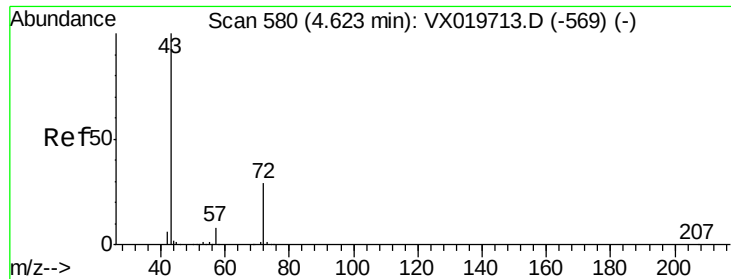
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 5.2 2.5 7.5





#25

2-Butanone

Concen: 24.494 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 66601

Ion Ratio Lower Upper

43 100

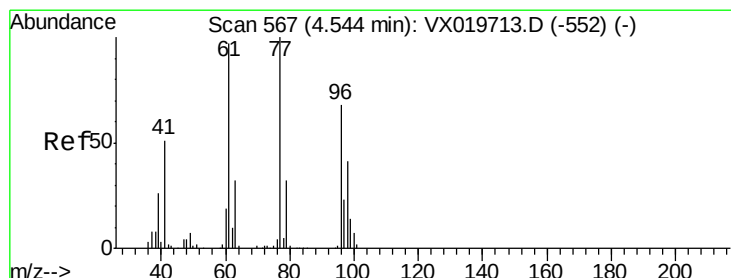
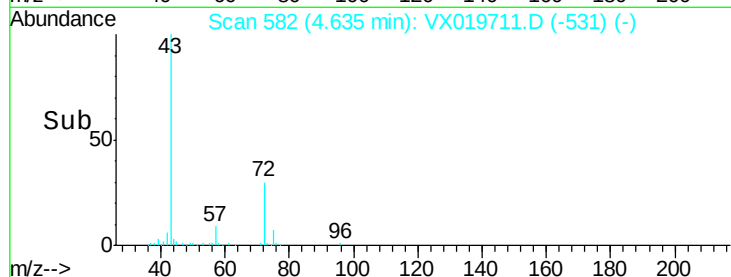
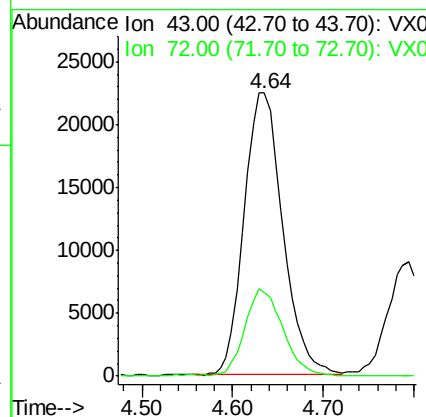
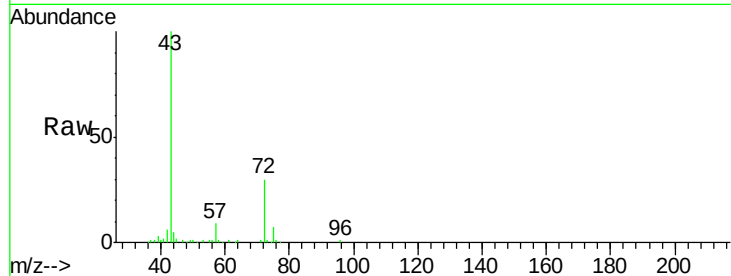
72 29.4 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.896 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019711.D

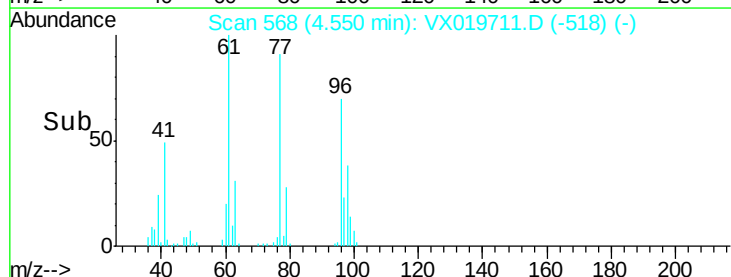
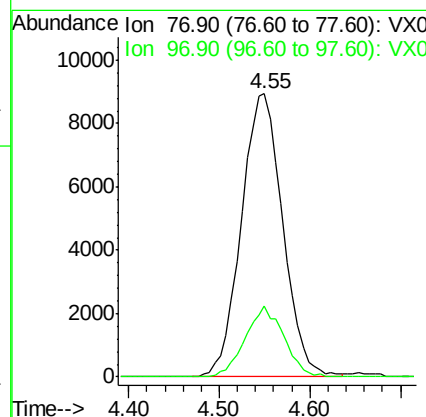
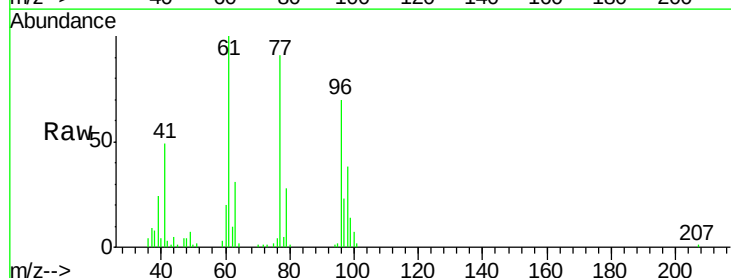
Acq: 04 Dec 2020 11:12

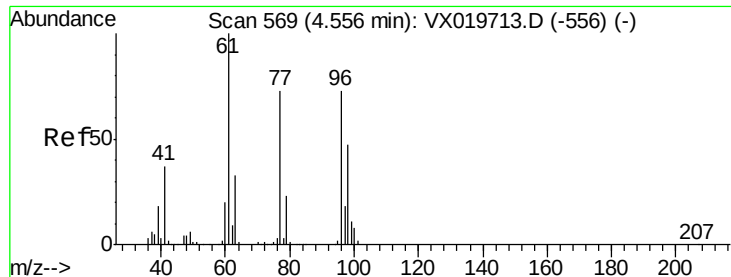
Tgt Ion: 77 Resp: 28208

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1





#27

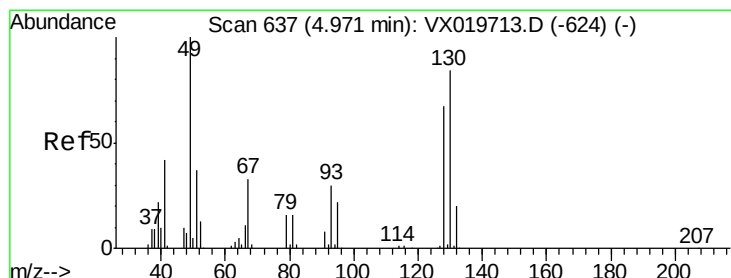
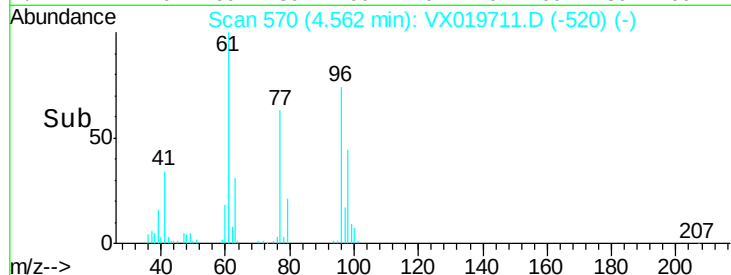
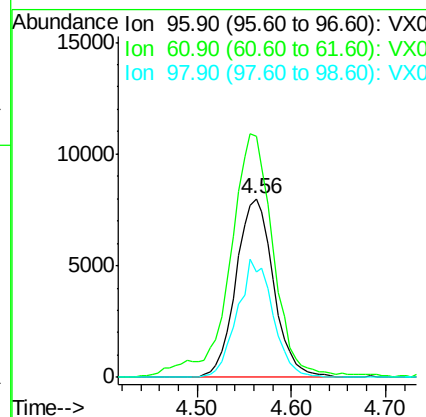
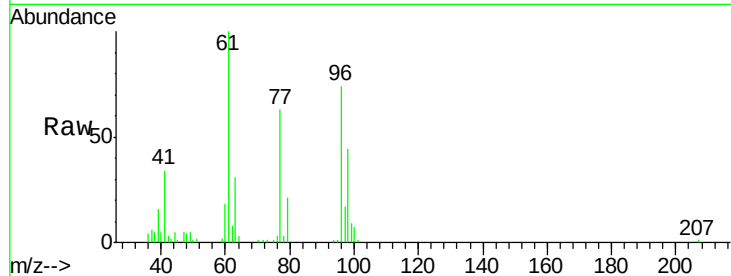
cis-1,2-Dichloroethene
Concen: 4.930 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.2	0.0	285.6	
98	62.7	0.0	129.6	

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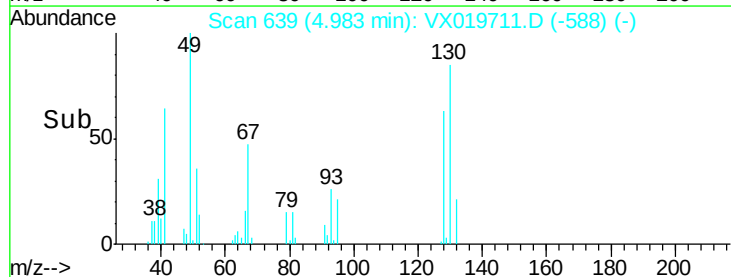
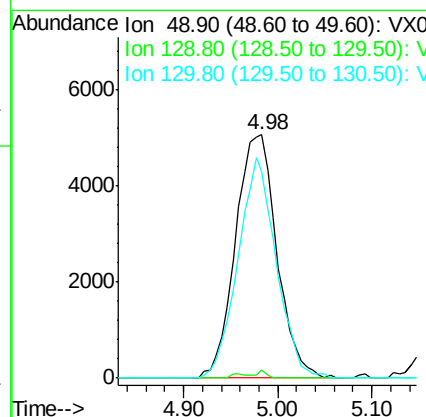
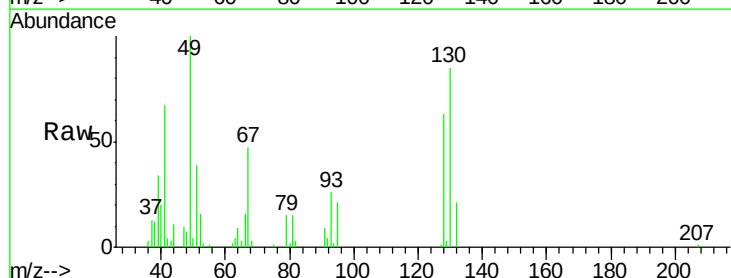
MMDadoda
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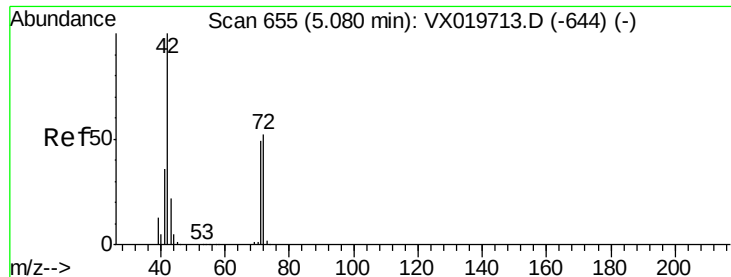


#28

Bromochloromethane
Concen: 4.925 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	4.0	
130	83.6	68.2	102.2	





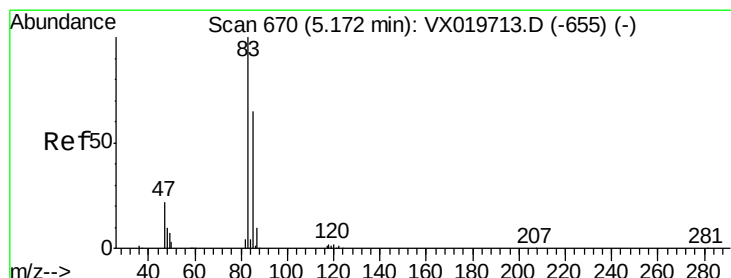
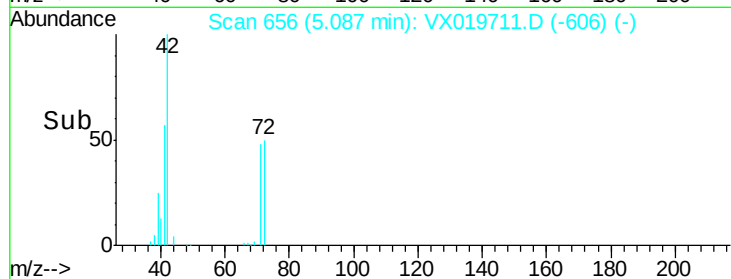
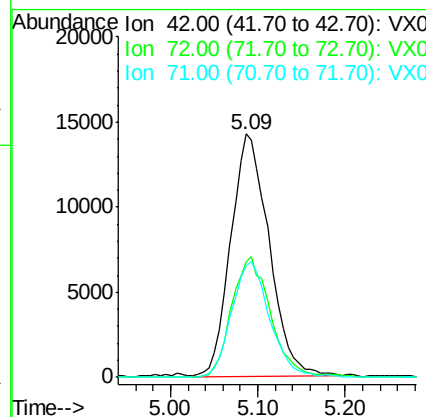
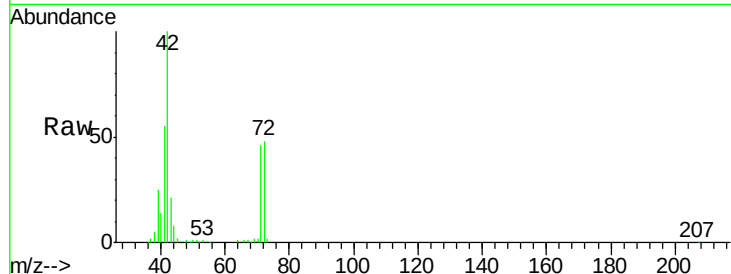
#29
Tetrahydrofuran
Concen: 24.978 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	41.7	62.5
71	47.5	38.4	57.6

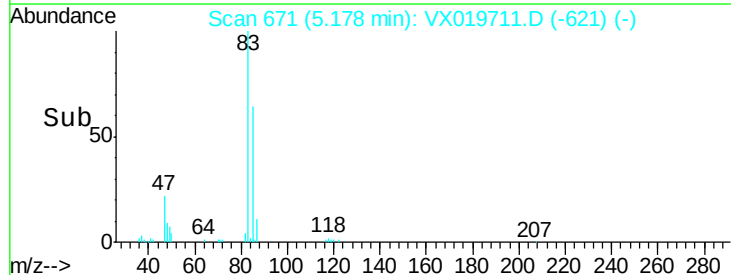
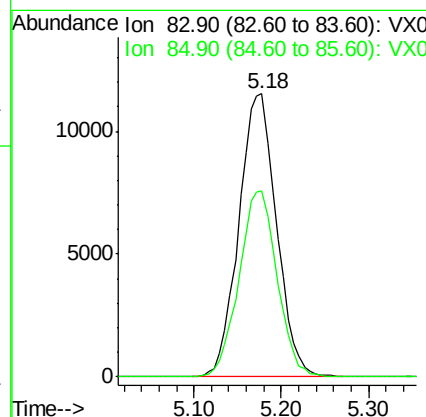
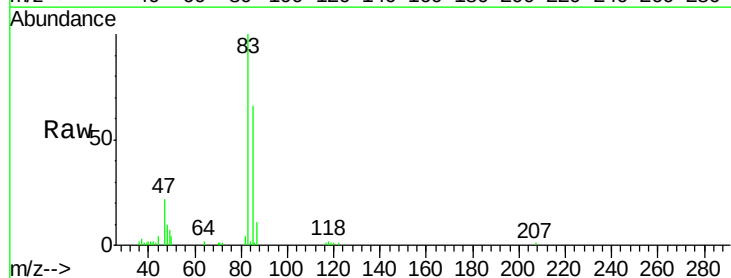
Manual Integrations
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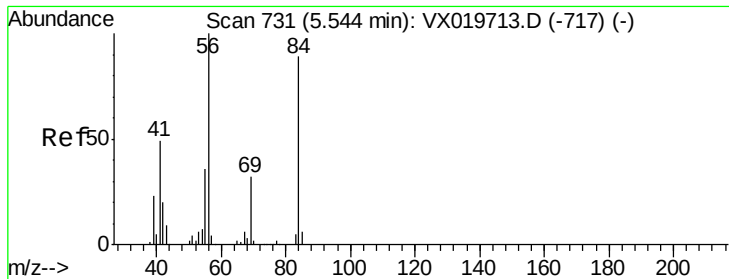
MMDadoda
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#30
Chloroform
Concen: 4.856 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.0	78.0





#31

Cyclohexane

Concen: 4.751 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

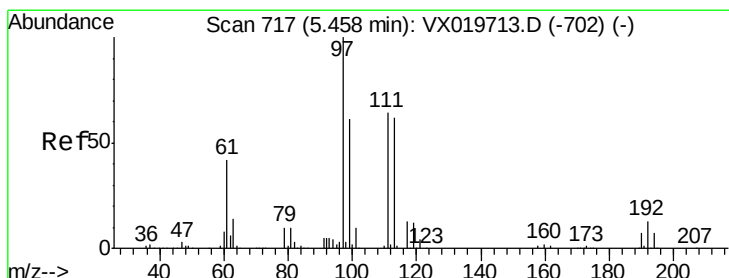
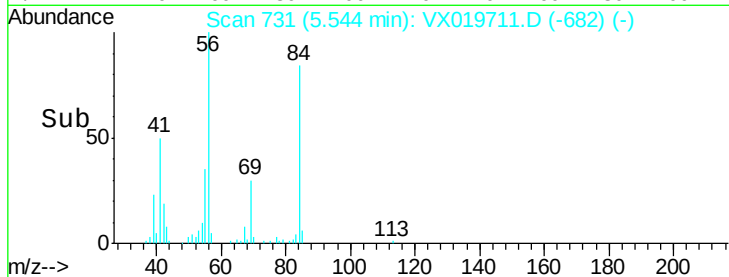
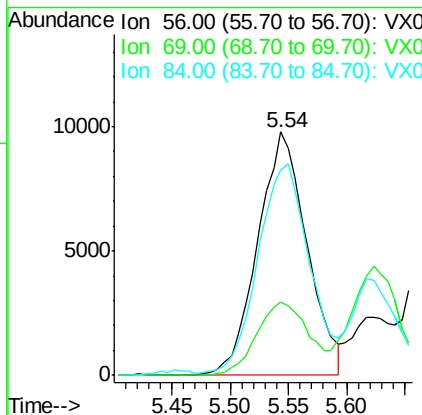
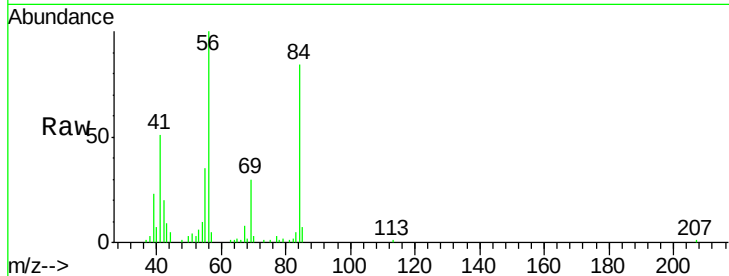
ClientSampled :

VSTDIC005

Tot Ion:	56	Resp:	28670
Ion Ratio	Lower	Upper	
56	100		
69	30.1	25.3	37.9
84	82.2	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 4.803 ug/l

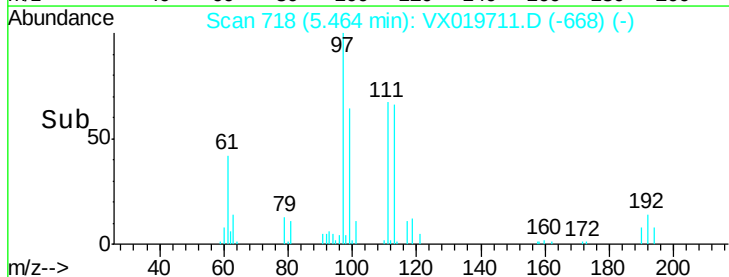
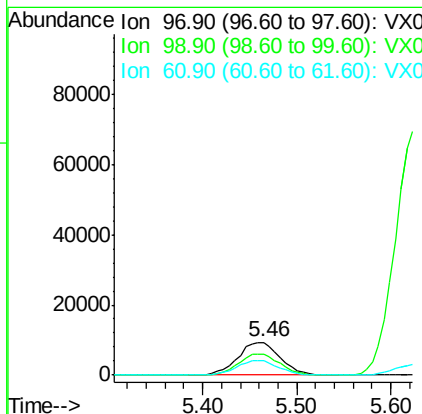
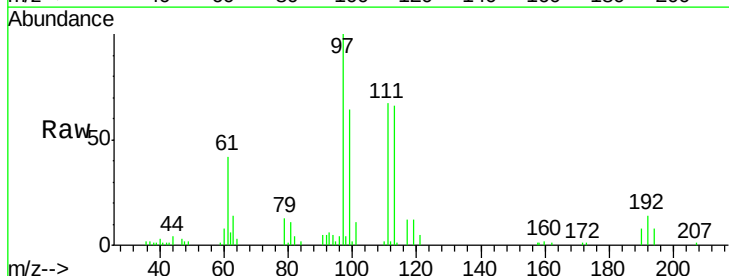
RT: 5.46 min Scan# 718

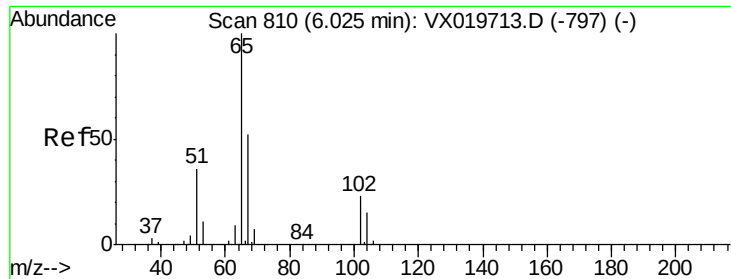
Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	97	Resp:	29072
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.5	77.3
61	44.4	34.2	51.4





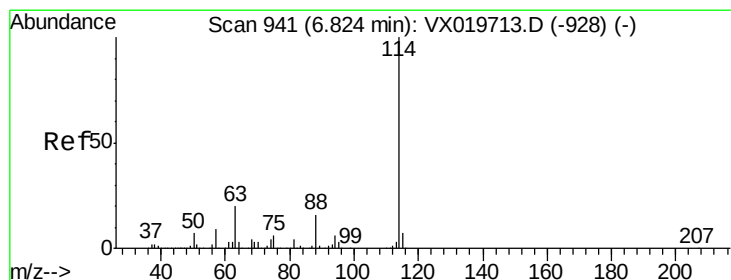
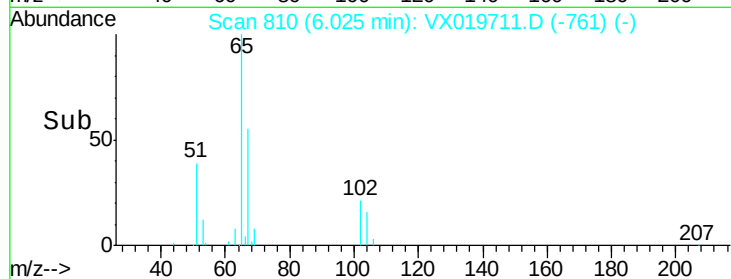
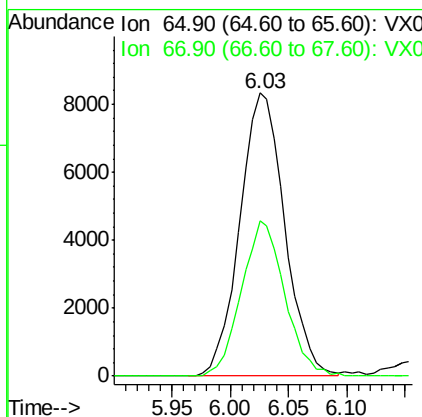
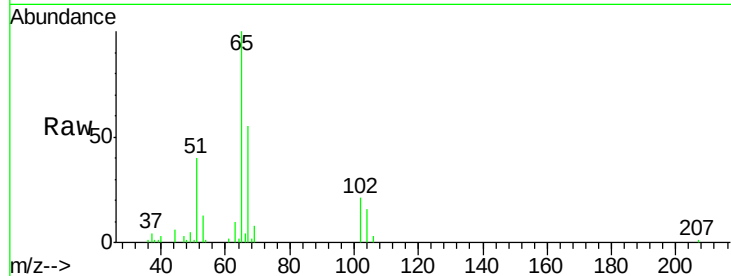
#33
 1,2-Dichloroethane-d4
 Concen: 4.899 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

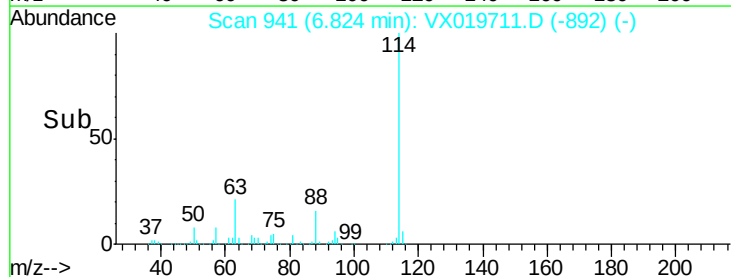
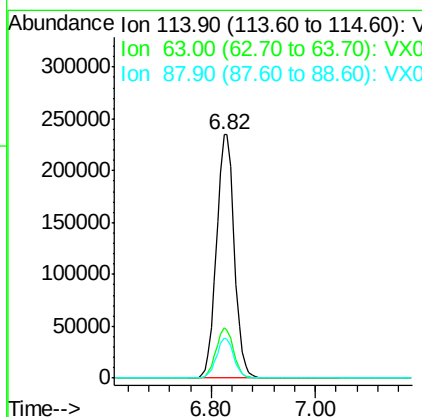
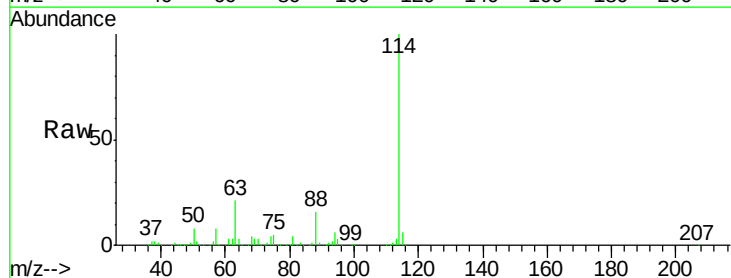
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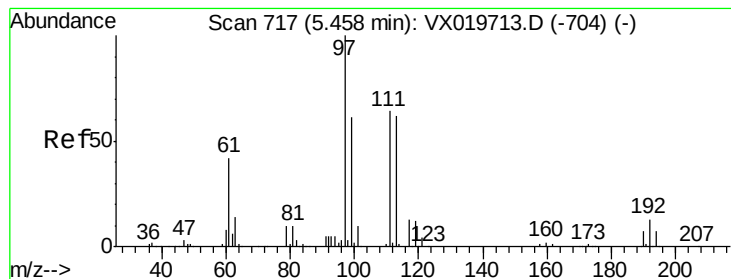
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.5	0.0	32.8





#35

Dibromofluoromethane

Concen: 4.887 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

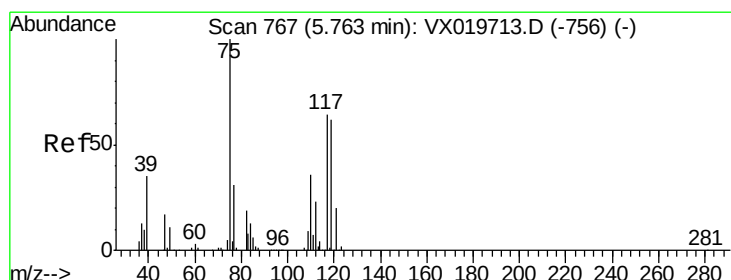
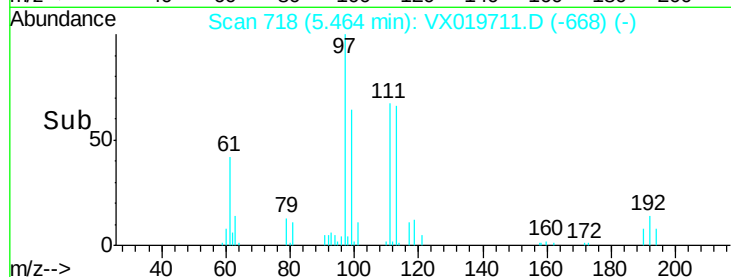
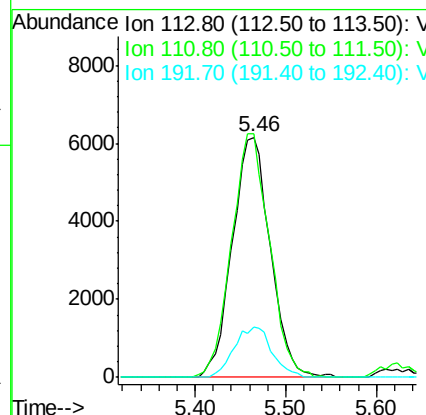
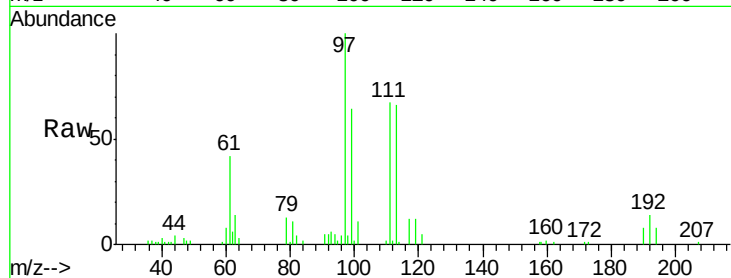
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	17947
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	20.7	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 4.981 ug/l

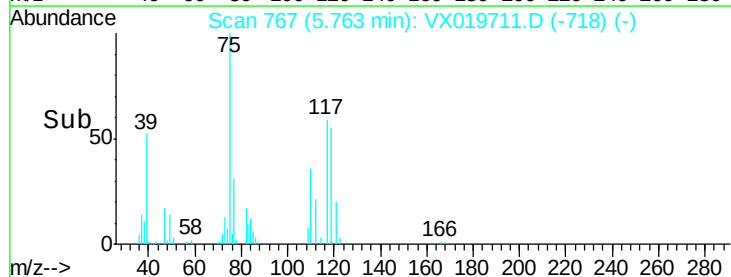
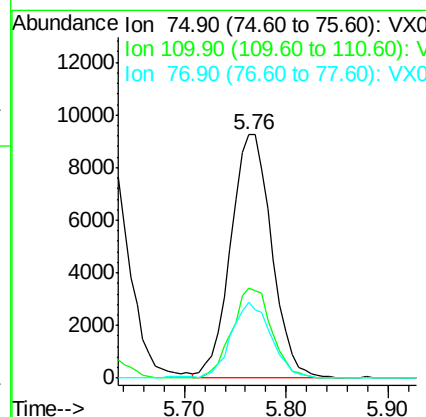
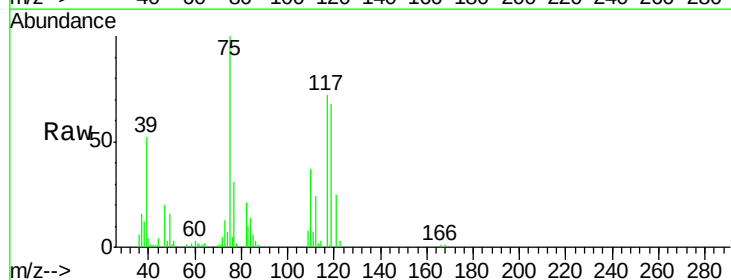
RT: 5.76 min Scan# 767

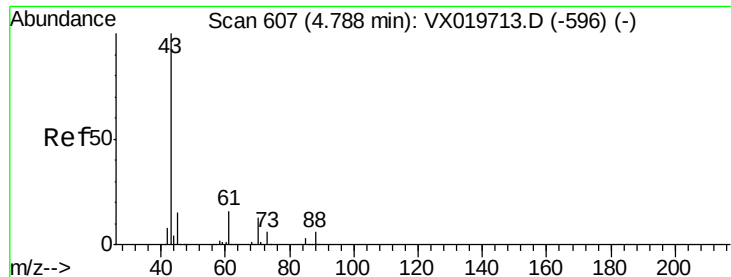
Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	75	Resp:	25815
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.1	54.4
77	30.3	25.3	37.9





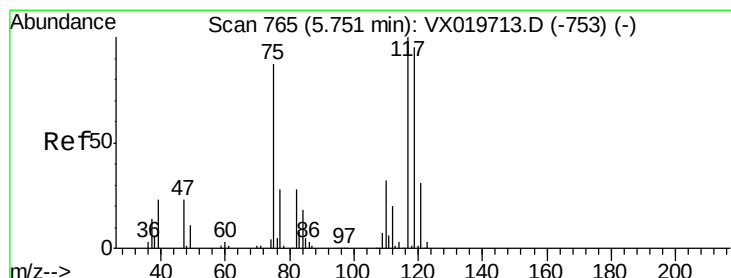
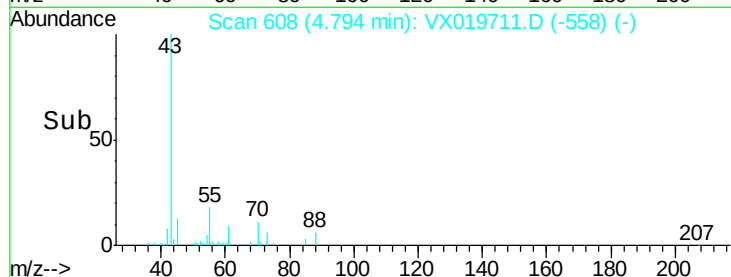
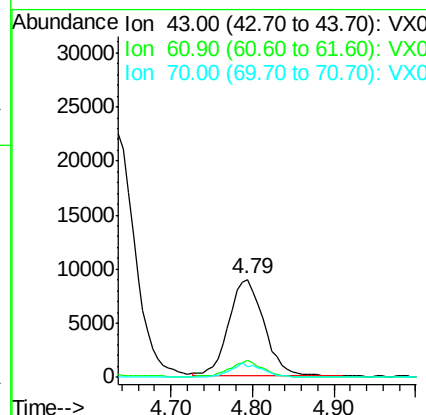
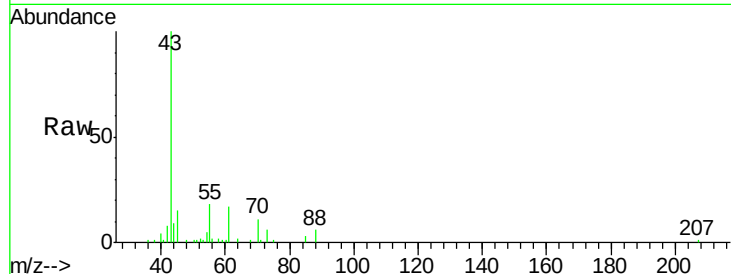
#37
Ethyl Acetate
Concen: 5.172 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.8	19.2
70	13.2	10.5	15.7

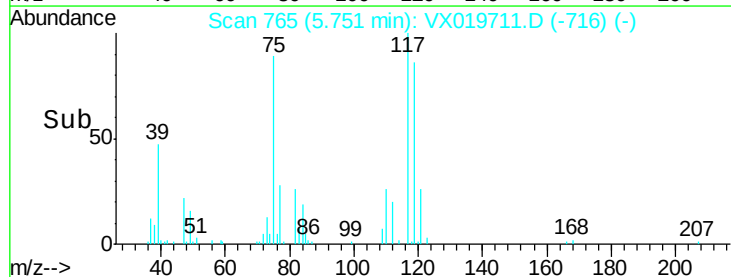
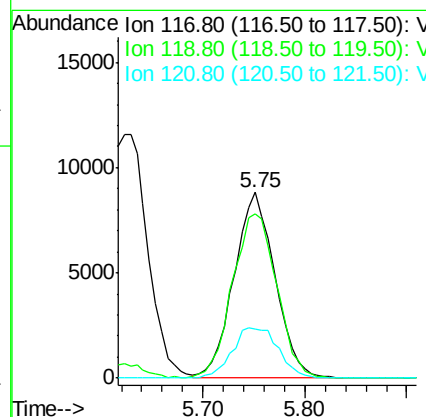
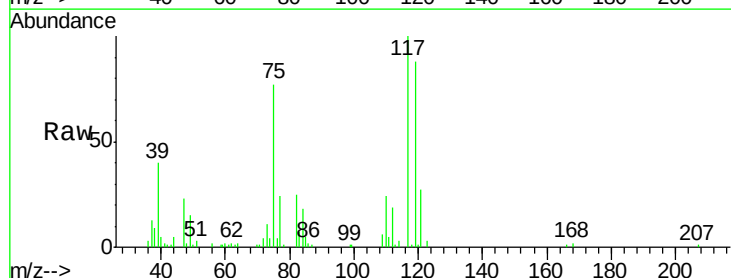
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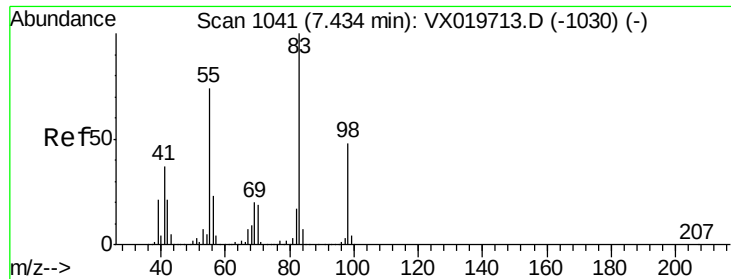
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#38
Carbon Tetrachloride
Concen: 4.787 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.0	76.2	114.2
121	26.7	24.8	37.2





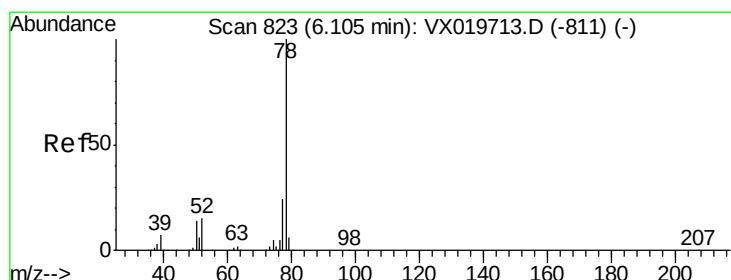
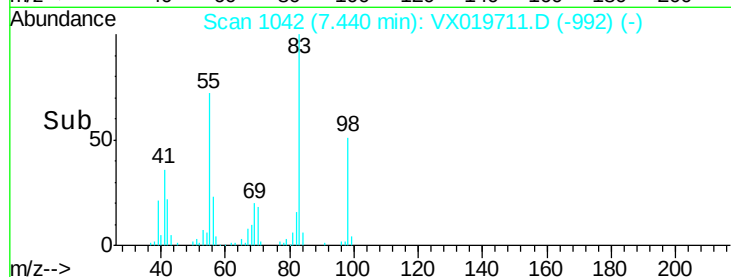
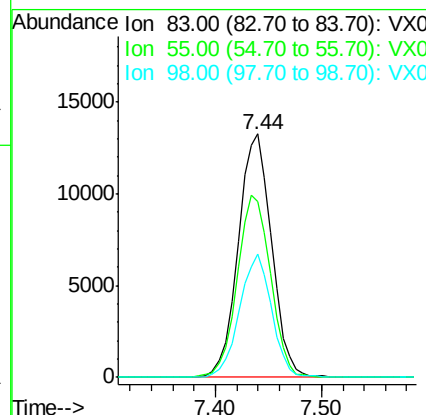
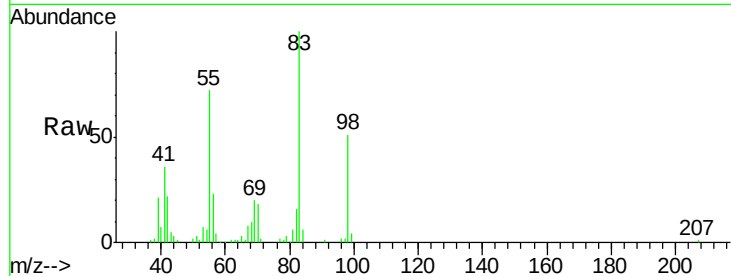
#39
Methylvlcyclohexane
Concen: 4.783 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	58.9	88.3
98	50.8	38.1	57.1

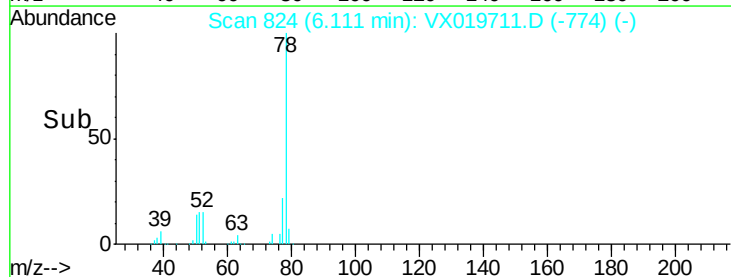
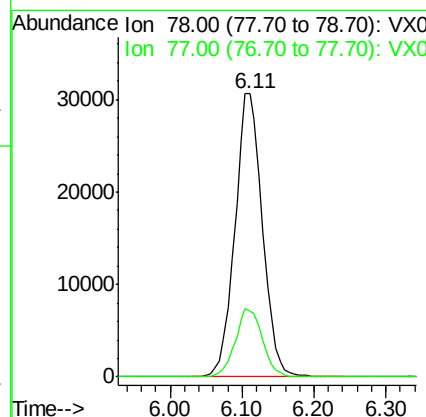
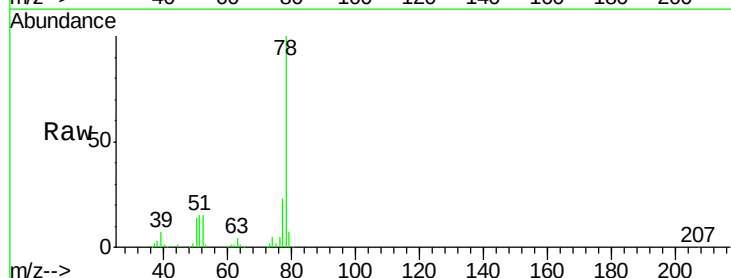
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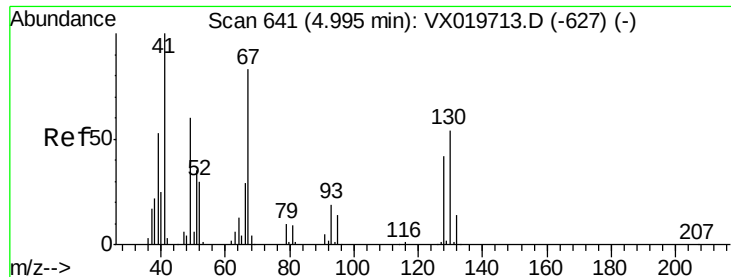
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#40
Benzene
Concen: 5.005 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3





#41

Methacrylonitrile

Concen: 4.967 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

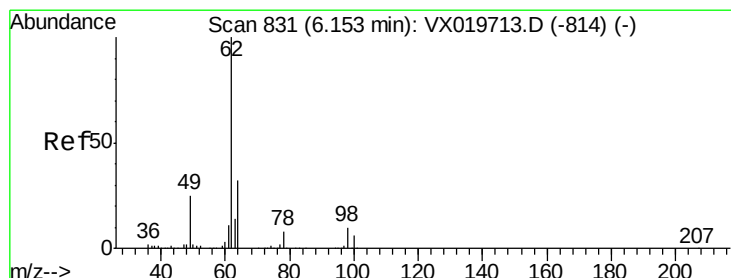
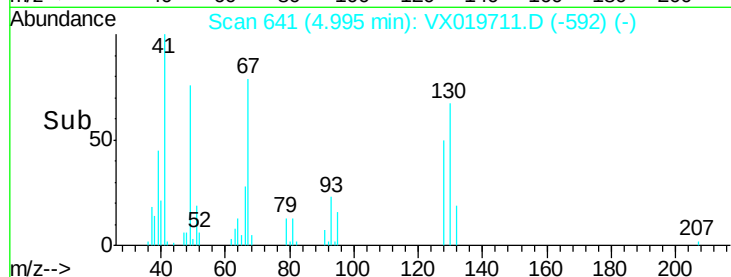
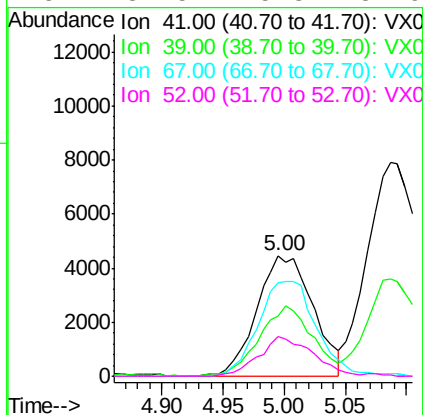
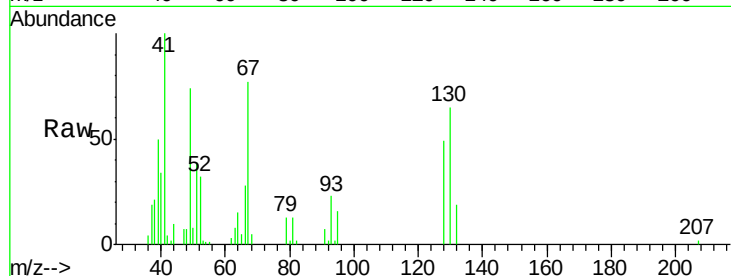
ClientSampled :

VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.5	63.7	
67	82.0	65.0	97.6	
52	31.5	25.3	37.9	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 4.964 ug/l

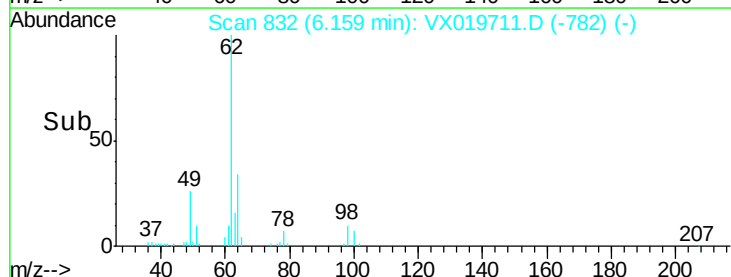
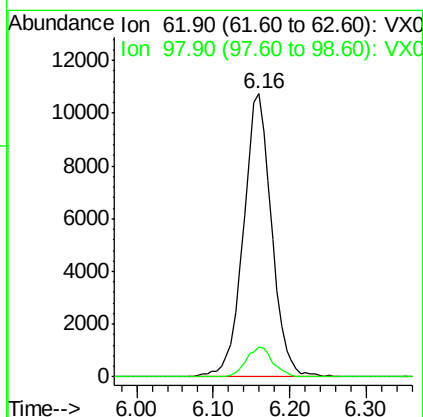
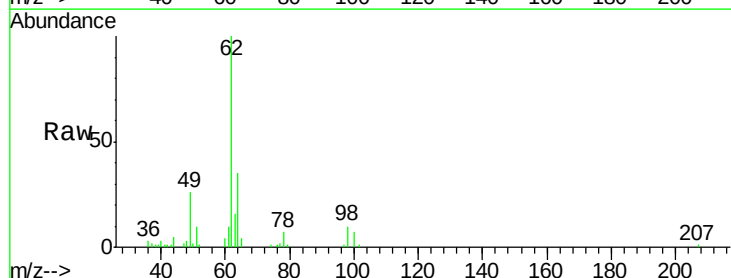
RT: 6.16 min Scan# 832

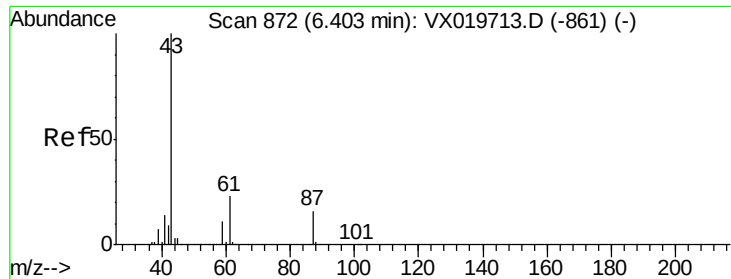
Delta R.T. 0.01 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





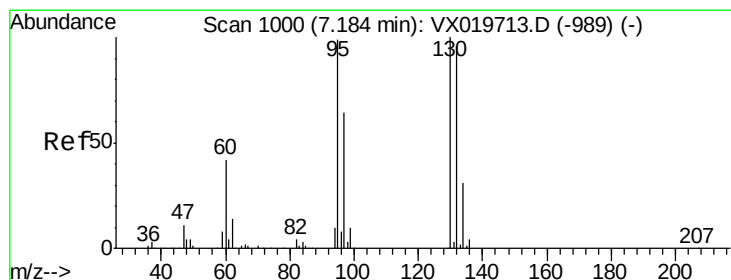
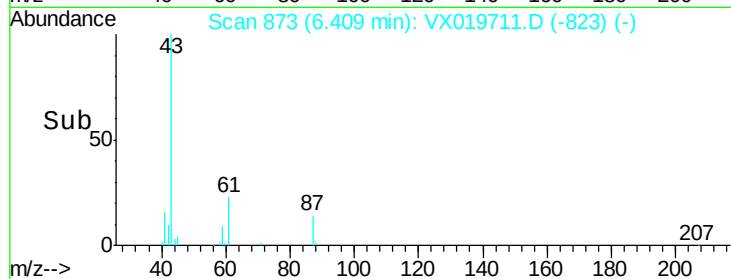
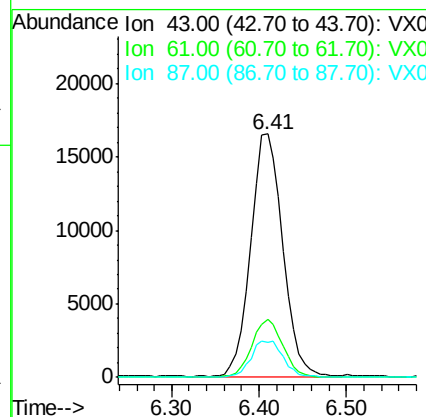
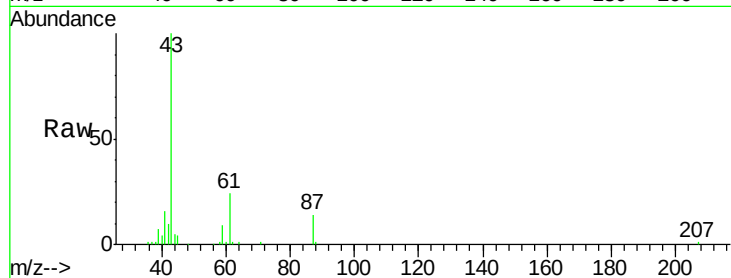
#43
Isopropyl Acetate
Concen: 4.902 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	15.1	12.5	18.7

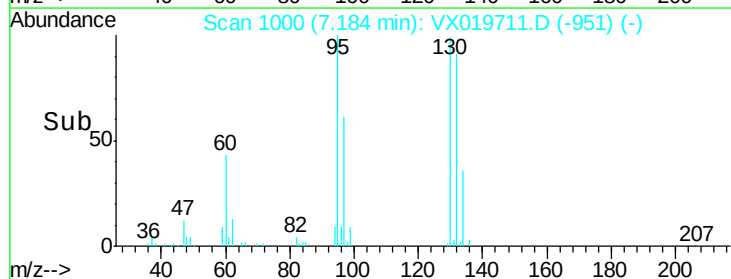
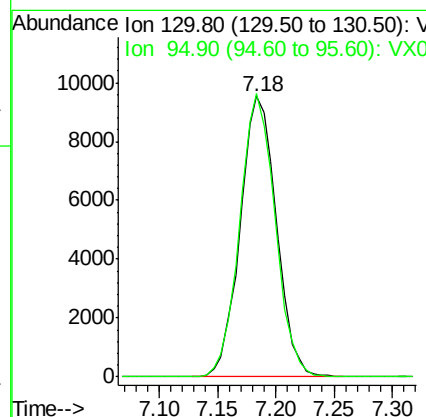
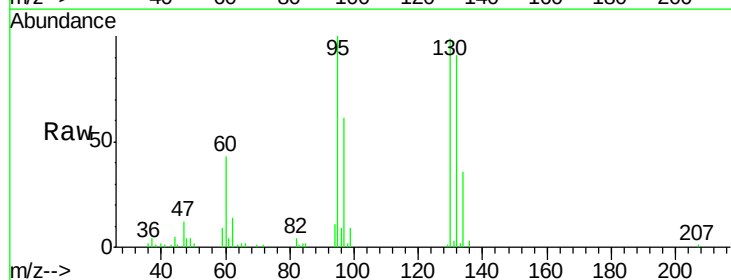
Manual Integrations
APPROVED

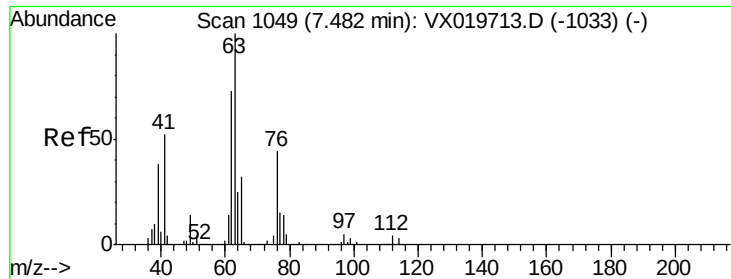
MMDadoda
12/7/2020 10:56:12 AM



#44
Trichloroethene
Concen: 4.896 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	198.0





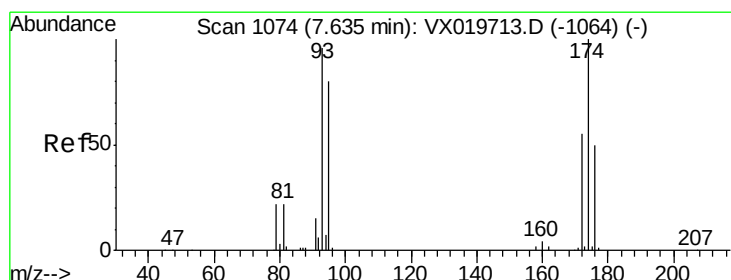
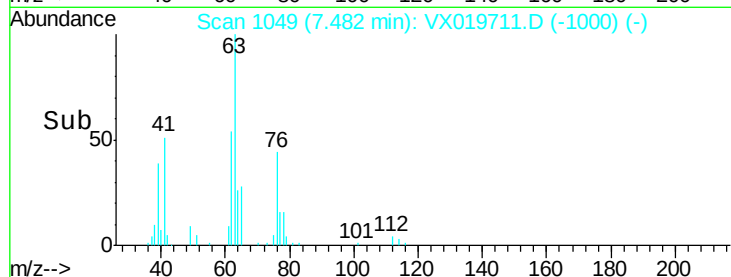
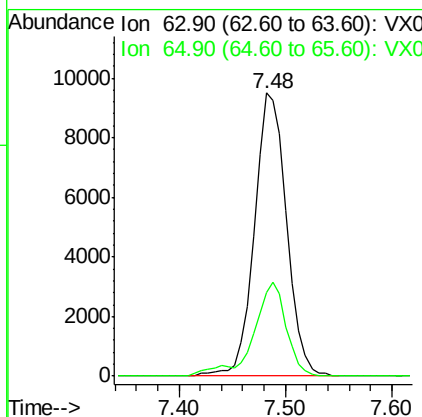
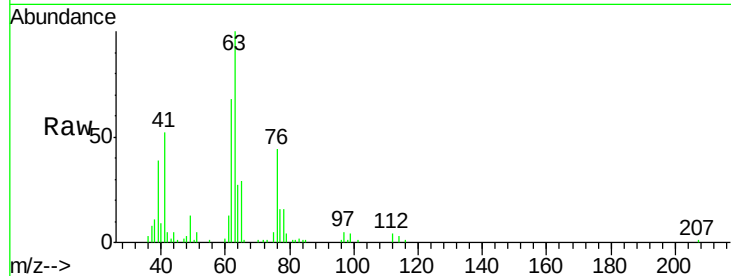
#45
 1,2-Dichloropropane
 Concen: 4.941 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 20085
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.7 38.5

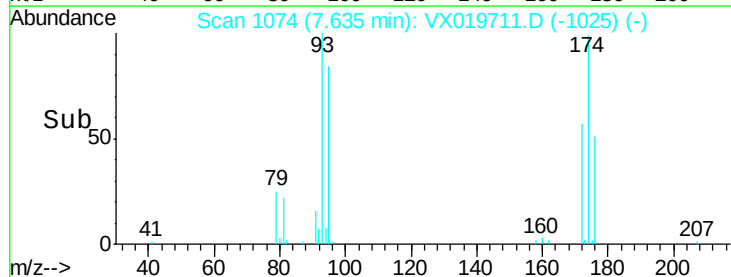
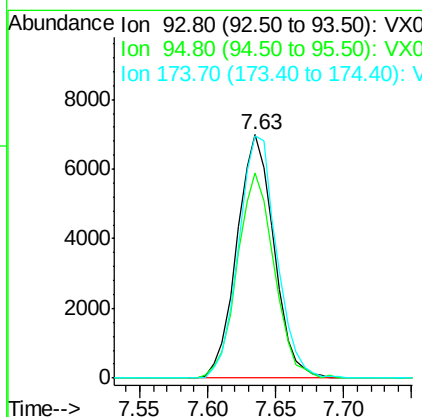
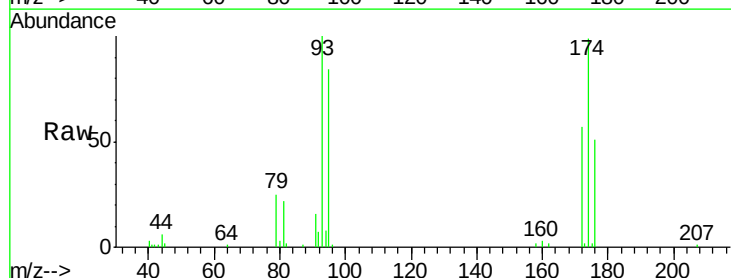
Manual Integrations
 APPROVED

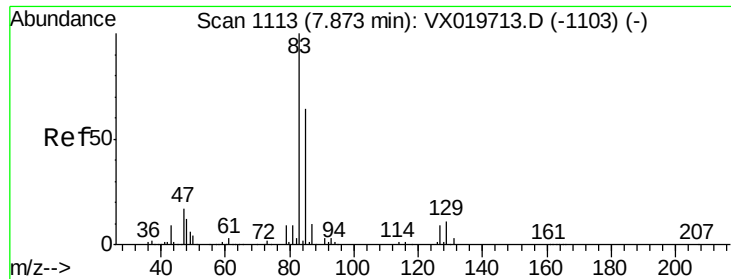
MMDadoda
 12/7/2020 10:56:12 AM



#46
 Dibromomethane
 Concen: 4.859 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion: 93 Resp: 13248
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 102.4 83.1 124.7





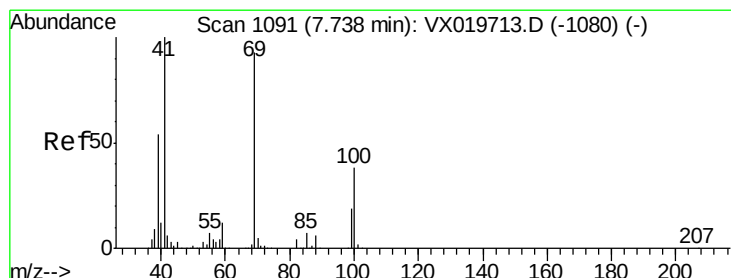
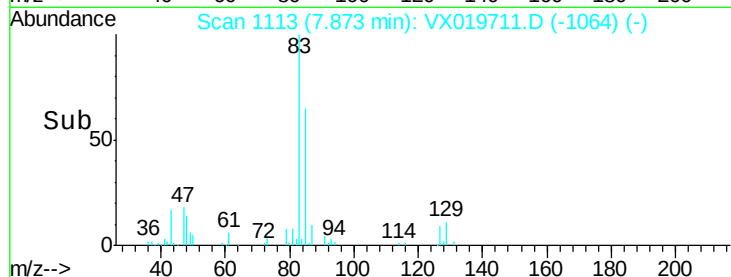
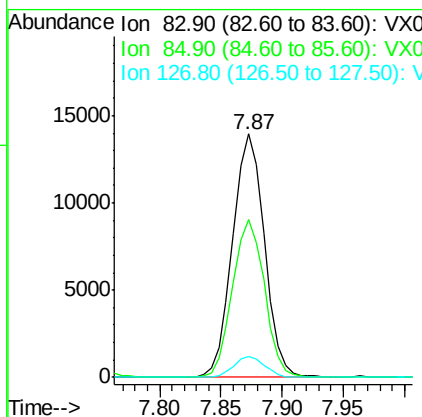
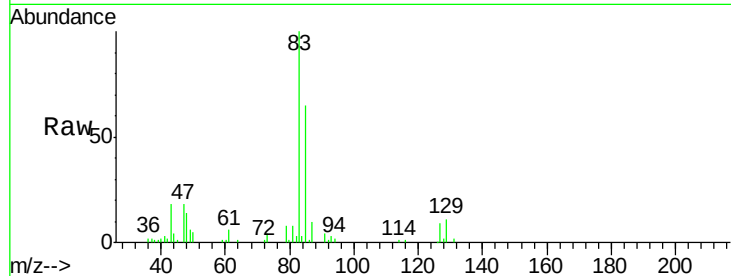
#47
Bromodichloromethane
Concen: 4.665 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	8.7	6.8	10.2

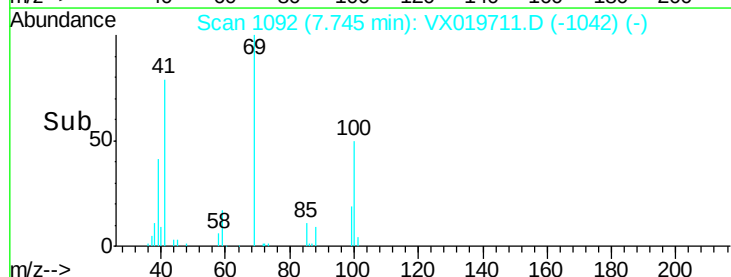
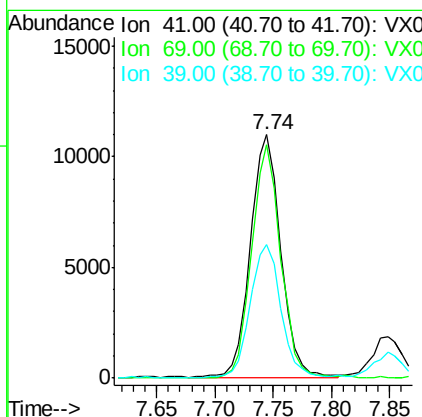
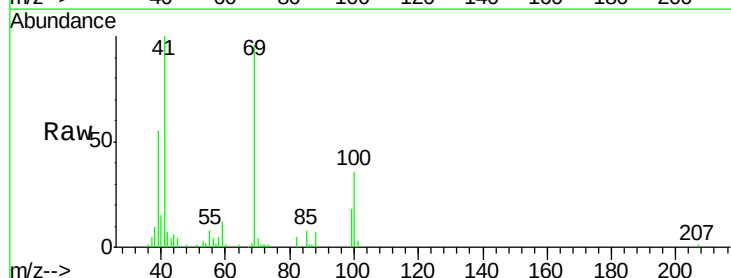
Manual Integrations
APPROVED

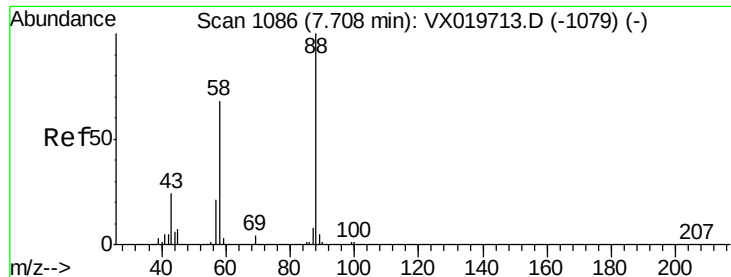
MMDadoda
12/7/2020 10:56:12 AM



#48
Methyl methacrylate
Concen: 4.769 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.3	76.0	114.0
39	55.5	44.6	67.0





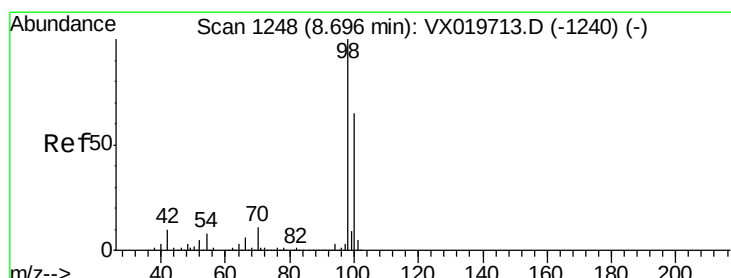
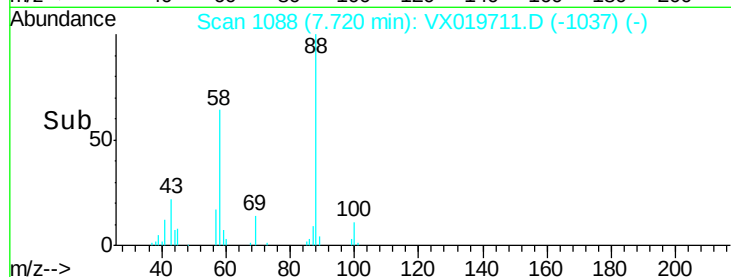
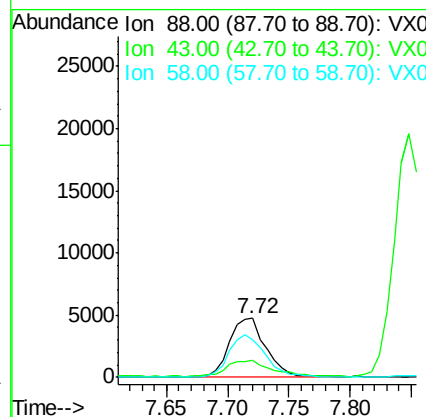
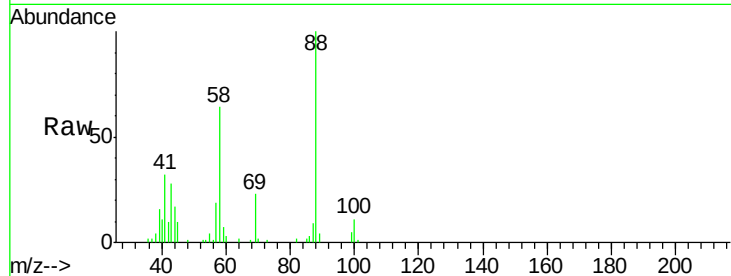
#49
 1,4-Dioxane
 Concen: 101.402 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	23.2	34.8
58	72.3	55.0	82.4

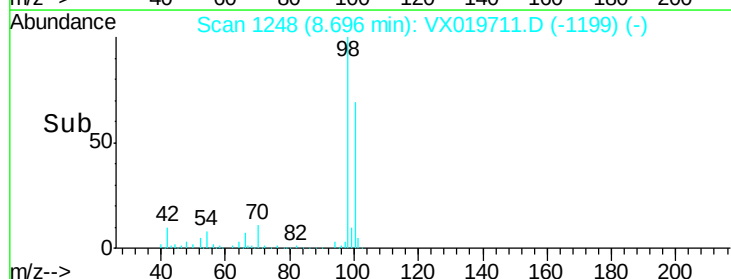
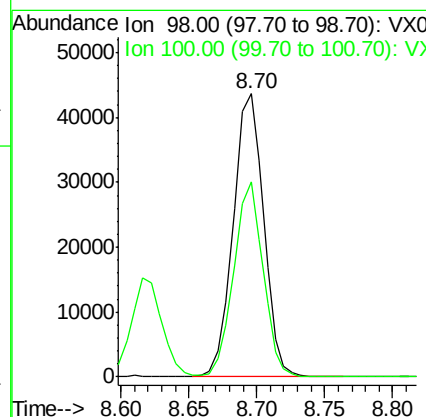
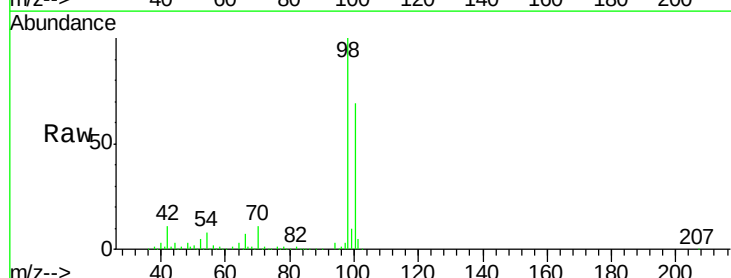
Manual Integrations
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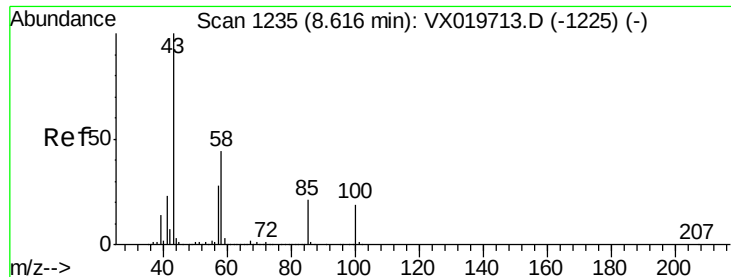
MMDadoda
 12/7/2020 10:56:12 AM



#50
 Toluene-d8
 Concen: 4.835 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 24.747 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 129906

Ion Ratio Lower Upper

43 100

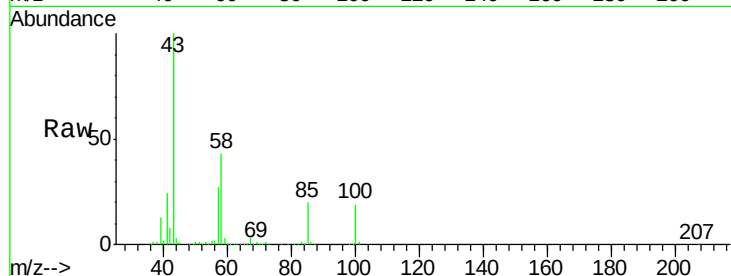
58 43.9 35.4 53.0

Manual Integrations

APPROVED

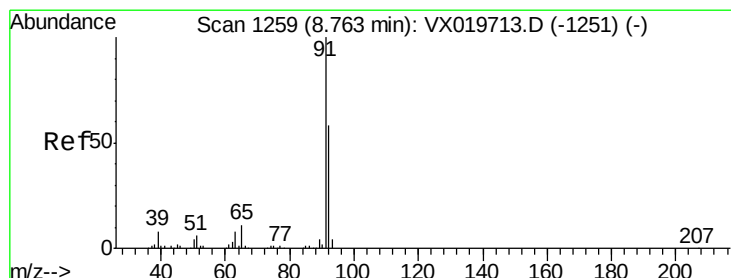
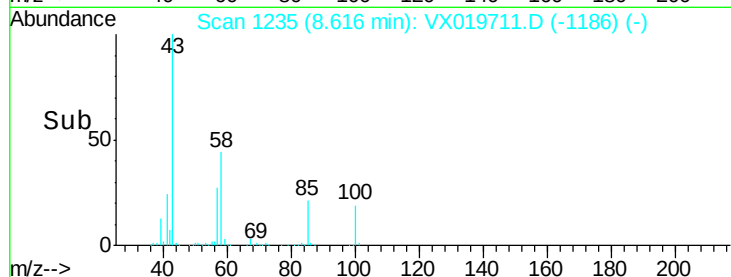
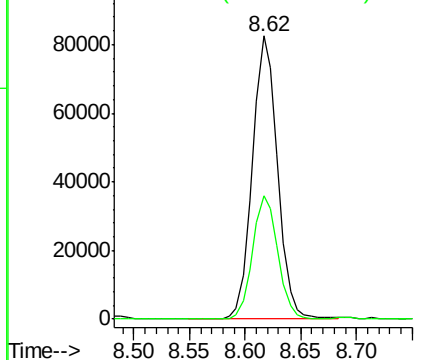
MMDadoda

12/7/2020 10:56:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.996 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019711.D

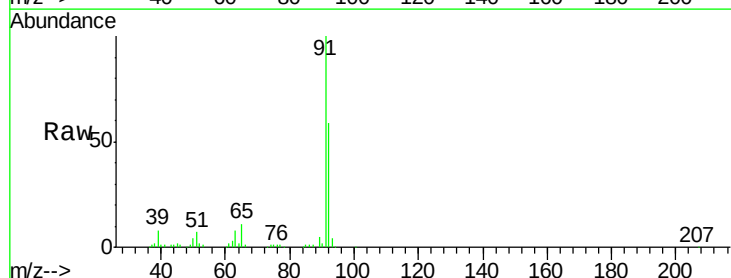
Acq: 04 Dec 2020 11:12

Tgt Ion: 92 Resp: 50274

Ion Ratio Lower Upper

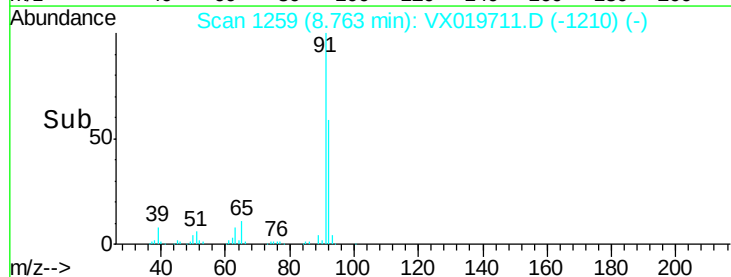
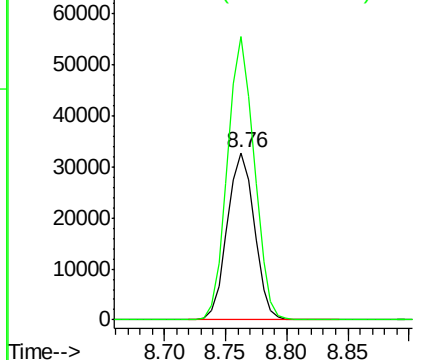
92 100

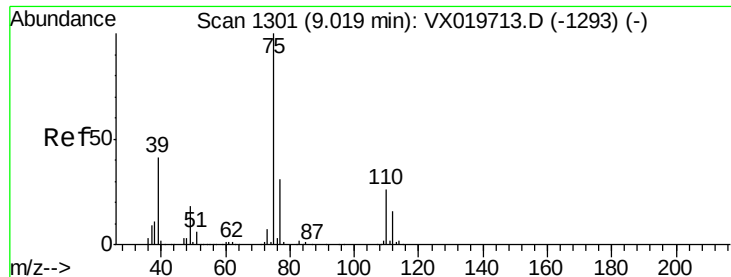
91 167.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





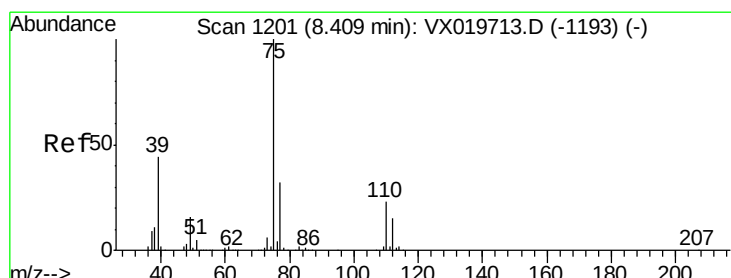
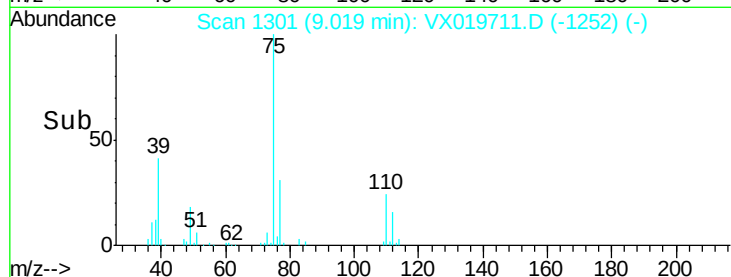
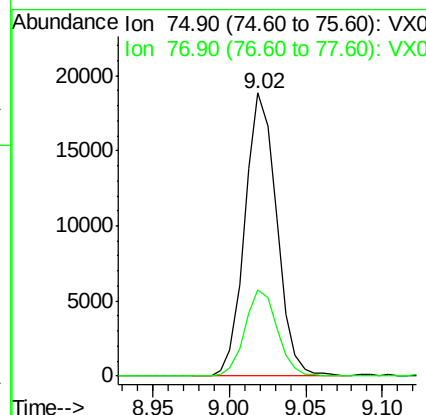
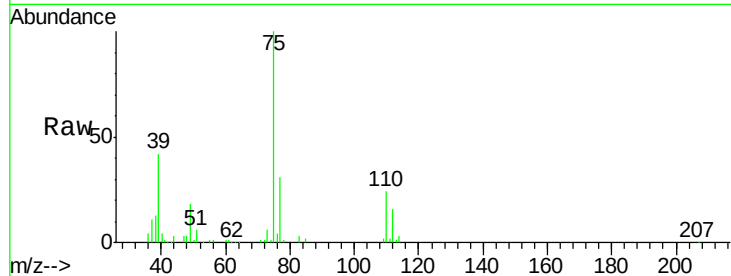
#53
t-1,3-Dichloropropene
Concen: 4.599 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.9	37.3

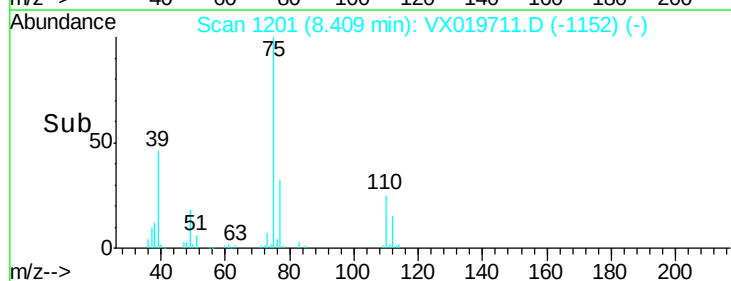
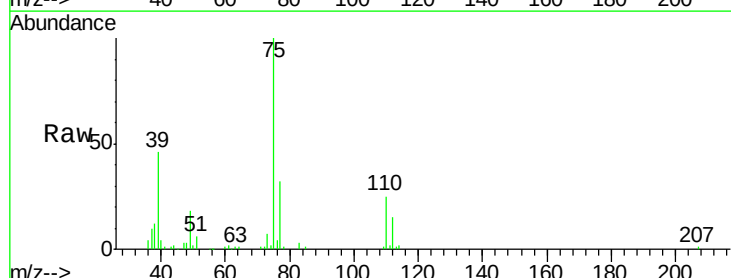
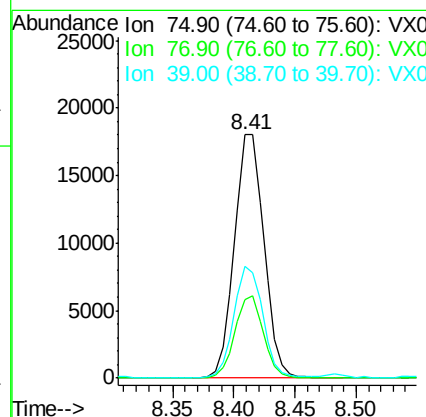
Manual Integrations
APPROVED

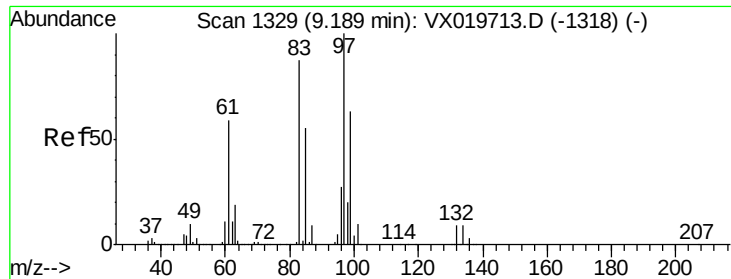
MMDadoda
12/7/2020 10:56:12 AM



#54
cis-1,3-Dichloropropene
Concen: 4.649 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	46.1	35.1	52.7





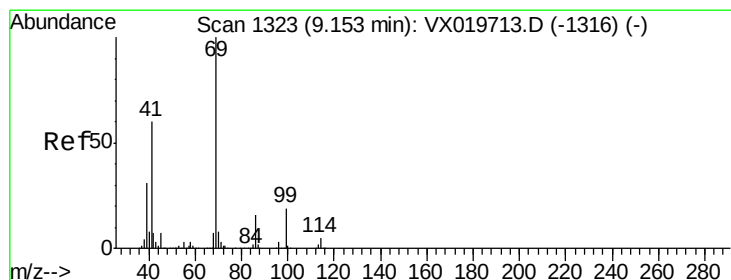
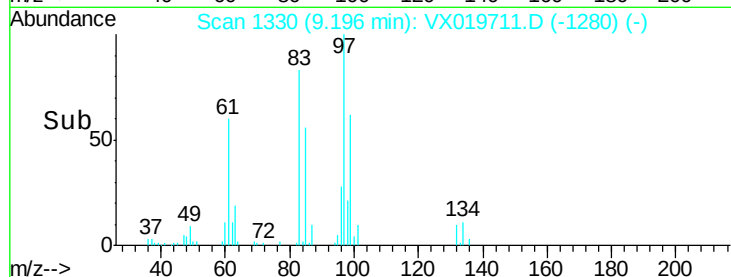
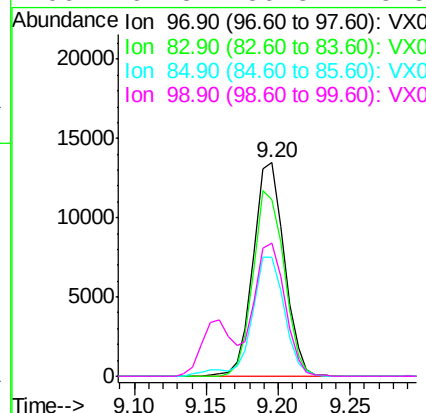
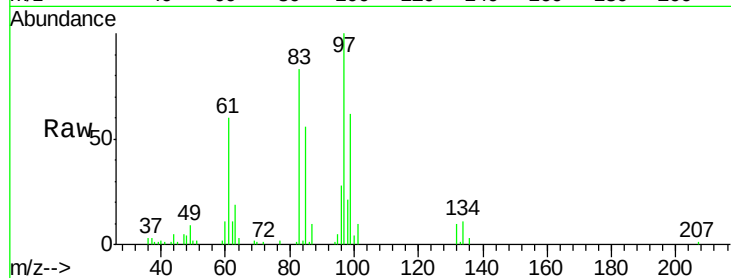
#55
1,1,2-Trichloroethane
Concen: 4.942 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		20114		
83	82.9	69.3	103.9		
85	55.5	44.3	66.5		
99	62.3	50.3	75.5		

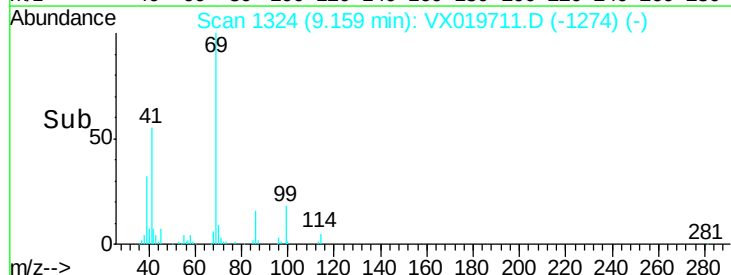
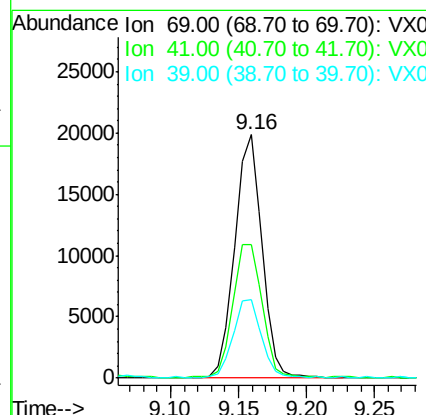
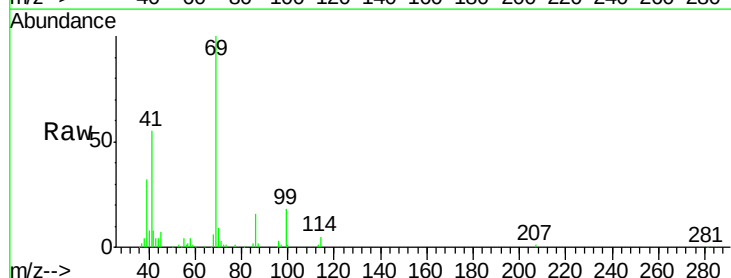
Manual Integrations
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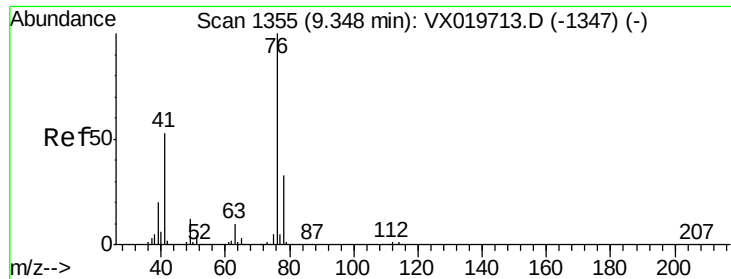
MMDadoda
12/7/2020 10:56:12 AM



#56
Ethyl methacrylate
Concen: 4.548 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		27799		
41	59.4	46.8	70.2		
39	33.0	24.7	37.1		





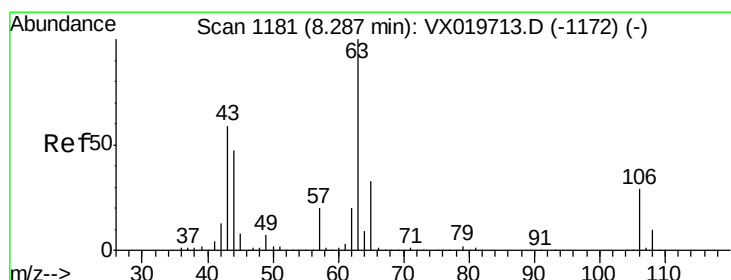
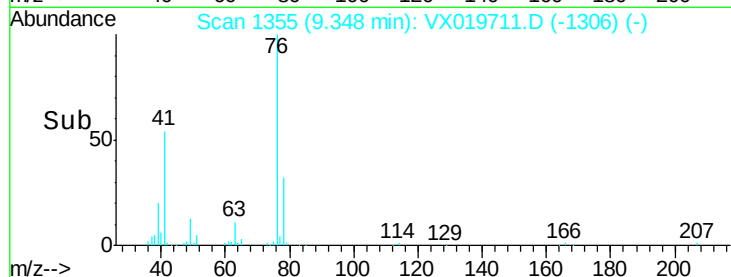
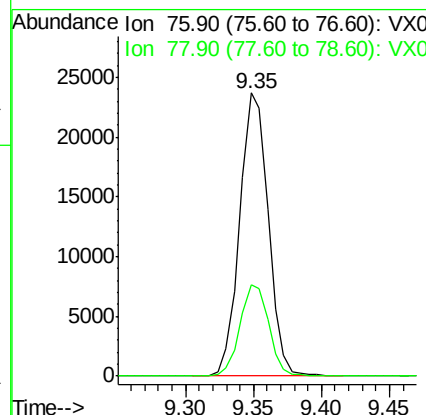
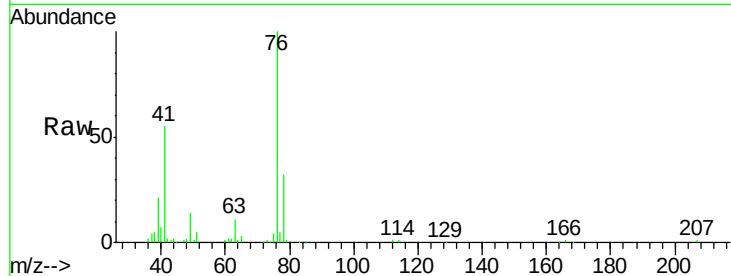
#57
 1,3-Dichloropropane
 Concen: 5.040 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

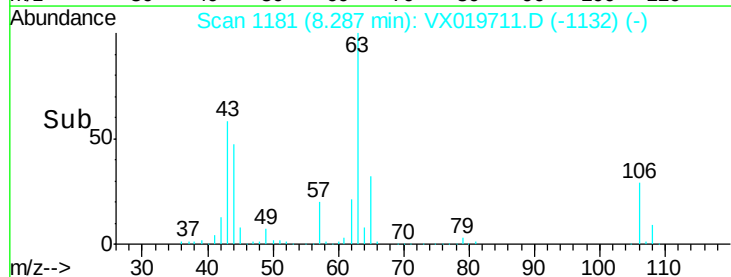
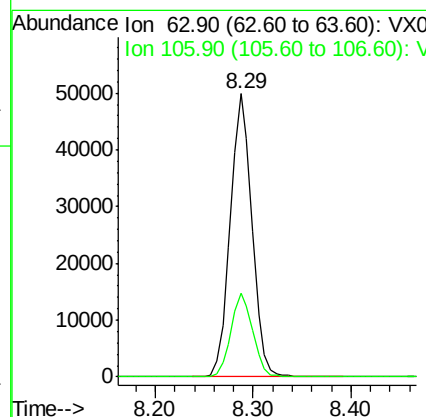
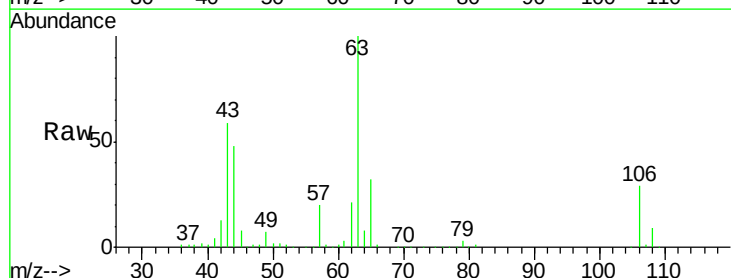
Manual Integrations
 APPROVED

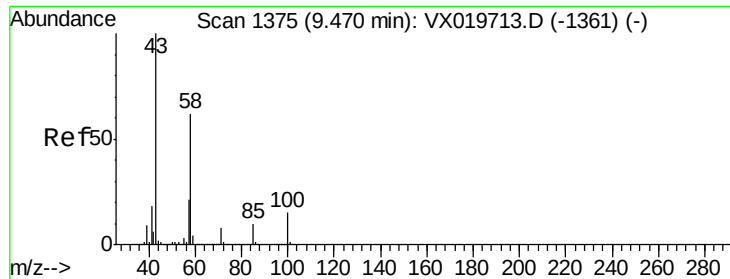
MMDadoda
 12/7/2020 10:56:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.990 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.5	35.3





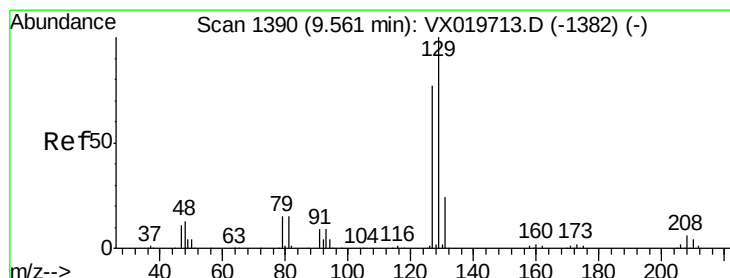
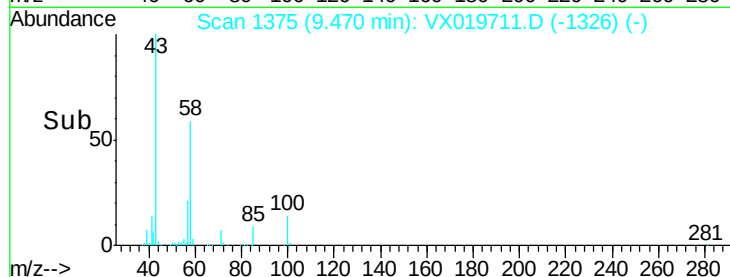
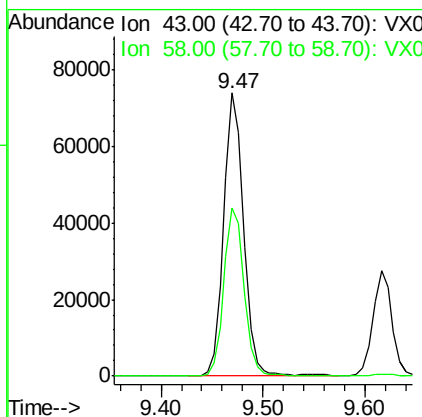
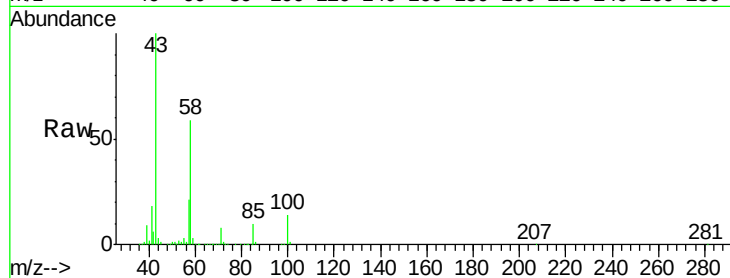
#59
2-Hexanone
Concen: 25.449 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 101055
Ion Ratio Lower Upper
43 100
58 60.1 30.9 92.8

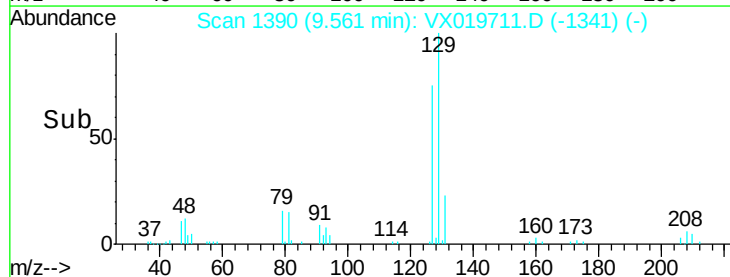
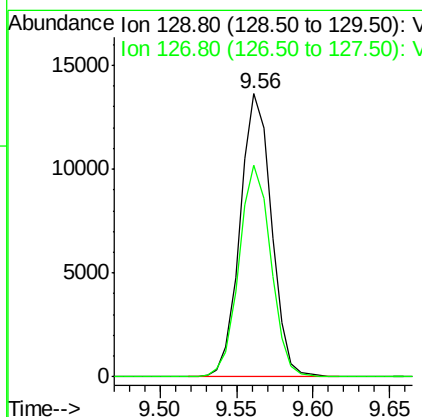
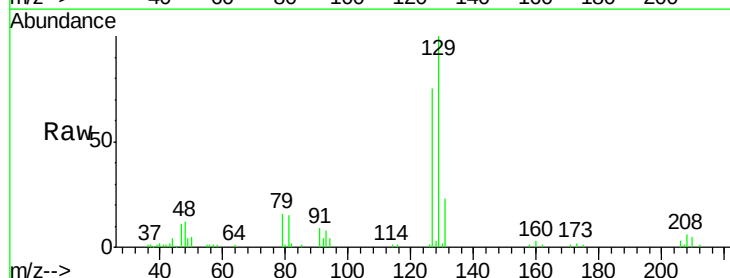
Manual Integrations
APPROVED

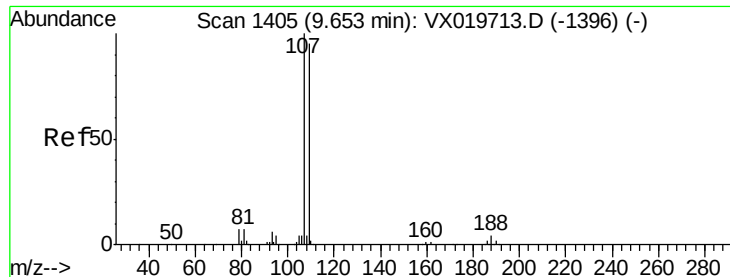
MMDadoda
12/7/2020 10:56:12 AM



#60
Dibromochloromethane
Concen: 4.635 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 129 Resp: 19376
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





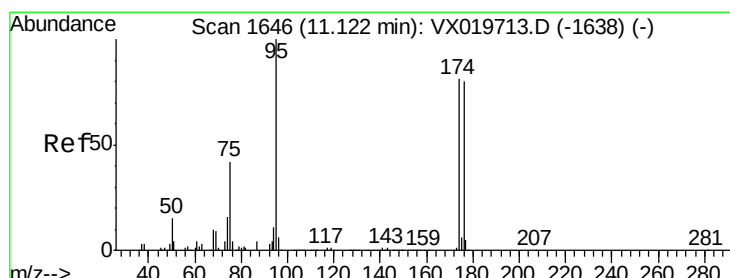
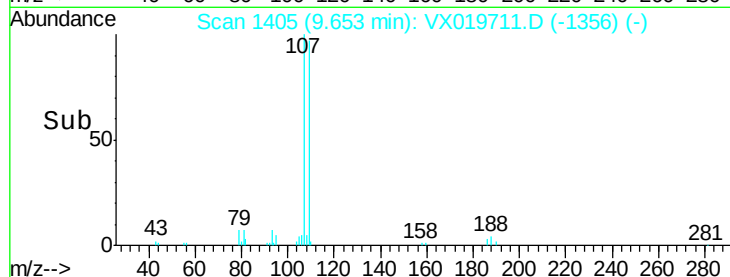
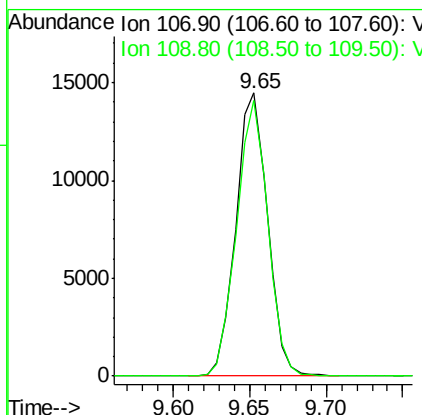
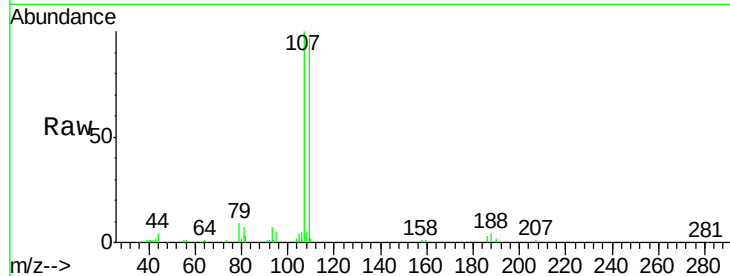
#61
 1,2-Dibromoethane
 Concen: 4.859 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.8	113.6

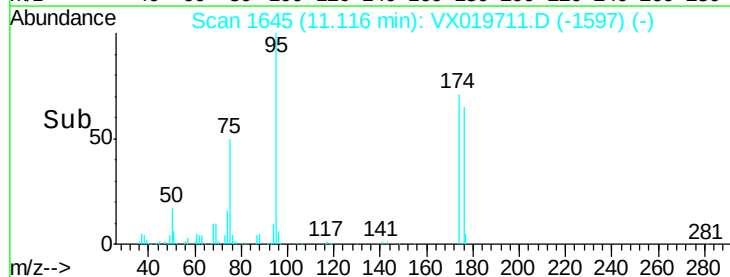
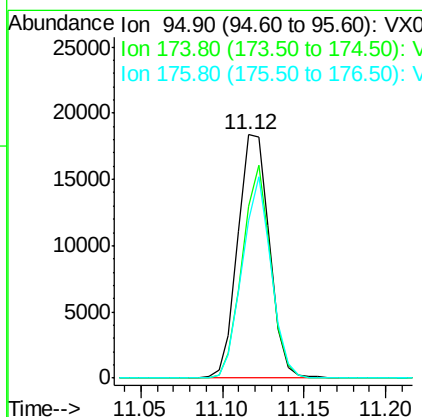
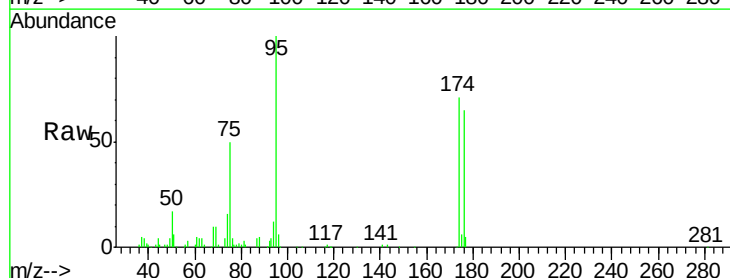
Manual Integrations
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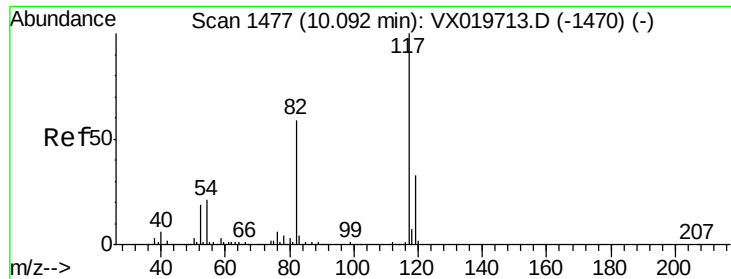
MMDadoda
 12/7/2020 10:56:12 AM



#62
 4-Bromofluorobenzene
 Concen: 4.684 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	154.6
176	75.5	0.0	155.8





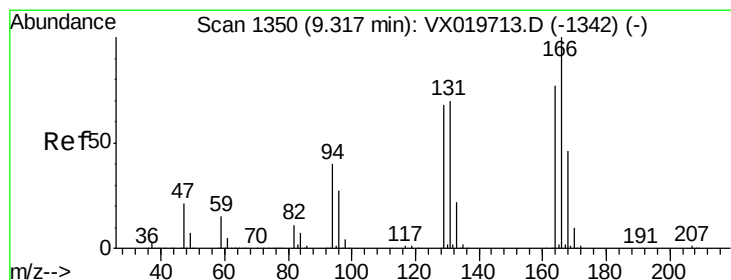
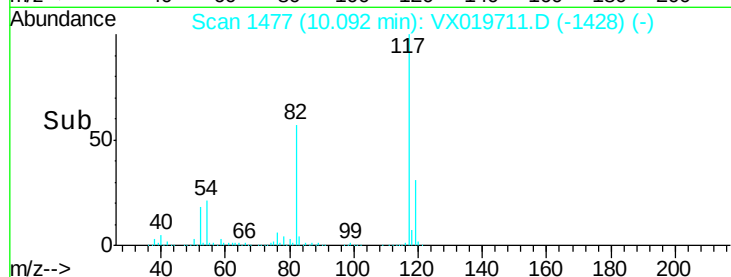
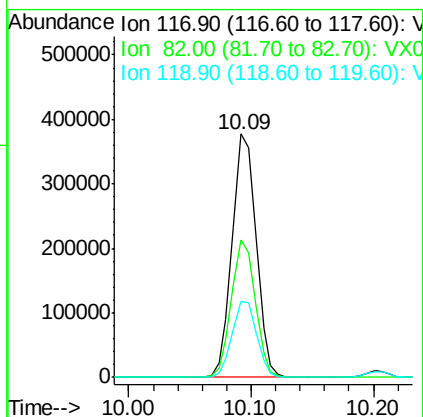
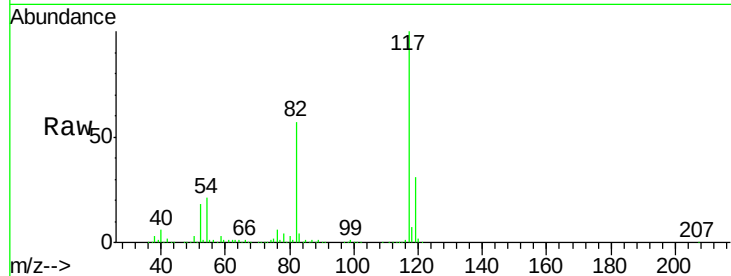
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.4	71.2
119	31.1	26.6	39.8

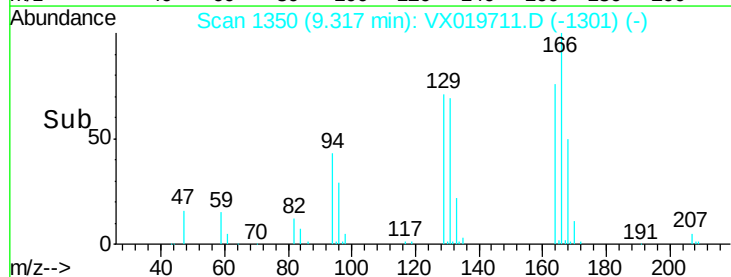
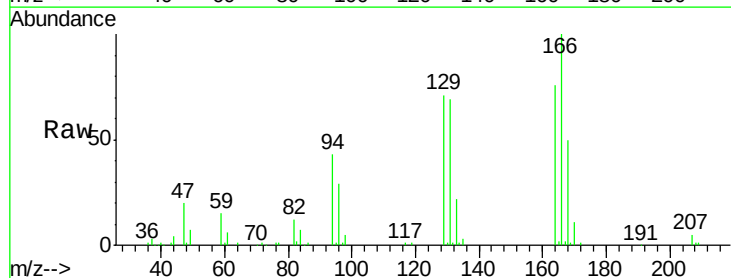
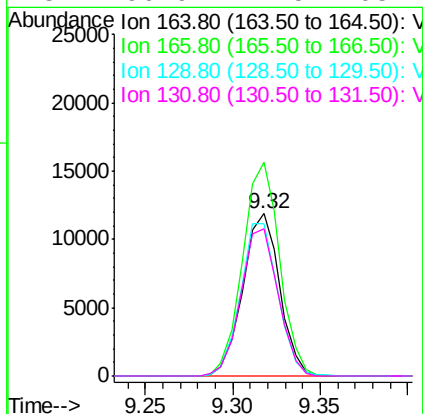
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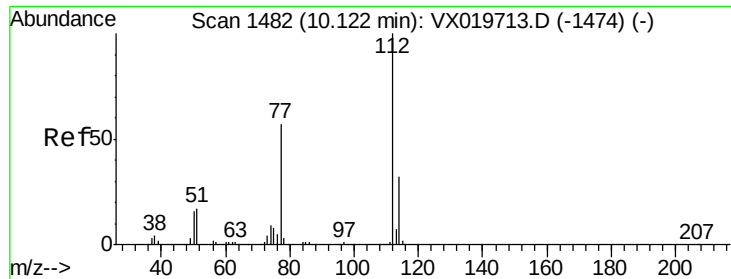
MMDadoda
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#64
Tetrachloroethene
Concen: 4.939 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	103.4	155.2
129	93.9	70.8	106.2
131	90.9	72.5	108.7





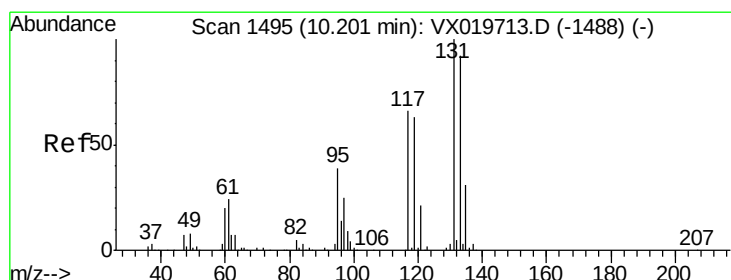
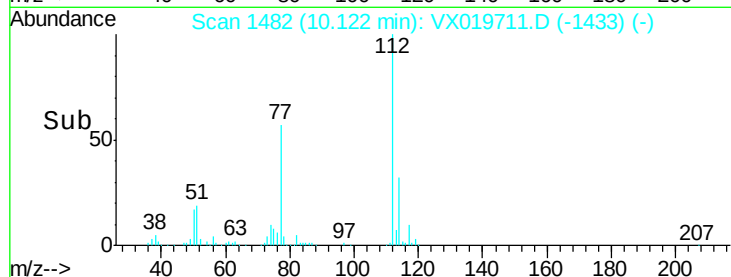
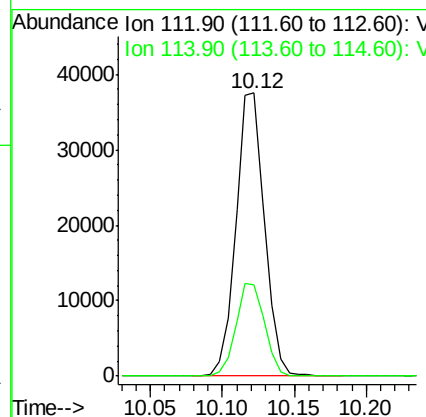
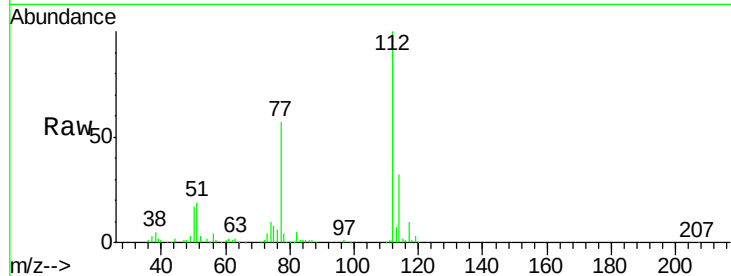
#65
Chlorobenzene
Concen: 4.908 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 52033
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

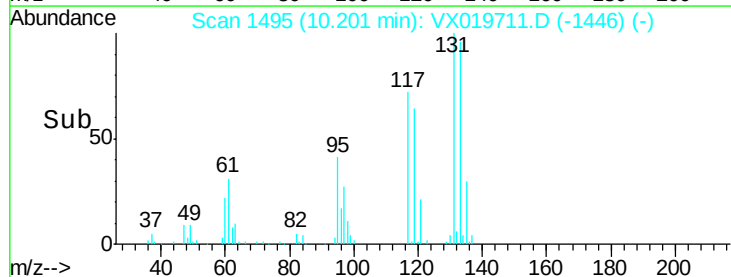
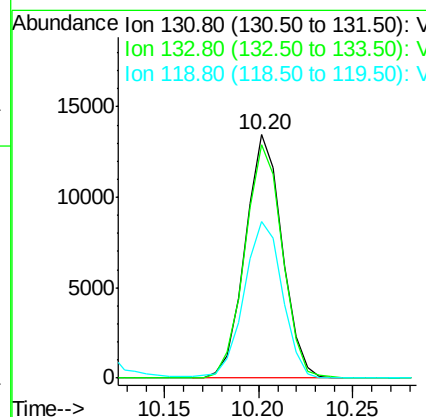
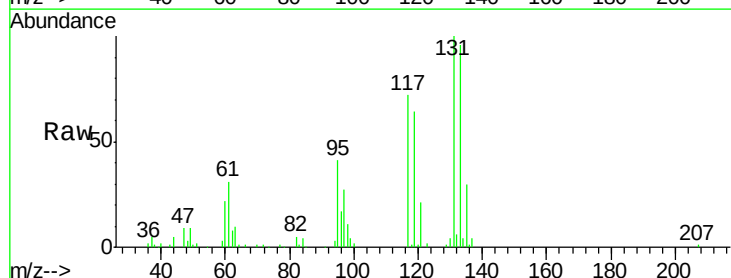
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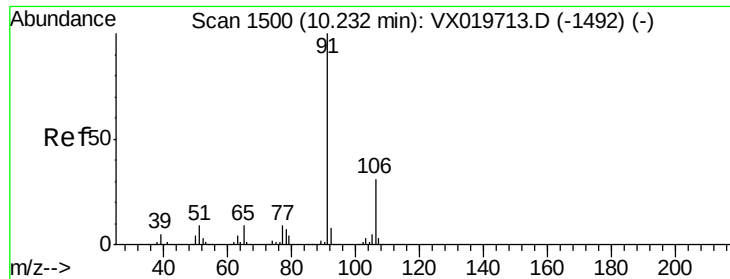
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.730 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion:131 Resp: 18220
Ion Ratio Lower Upper
131 100
133 97.5 47.7 143.1
119 66.9 32.1 96.5





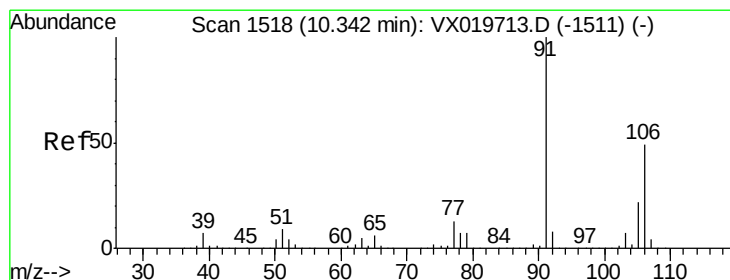
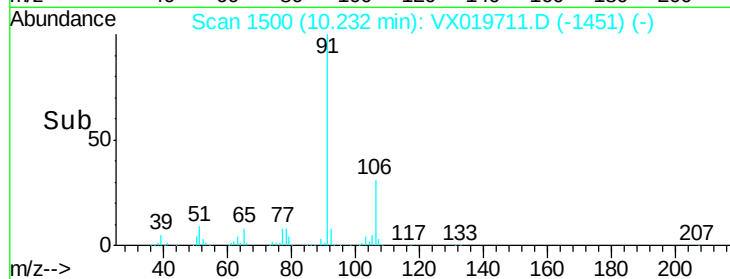
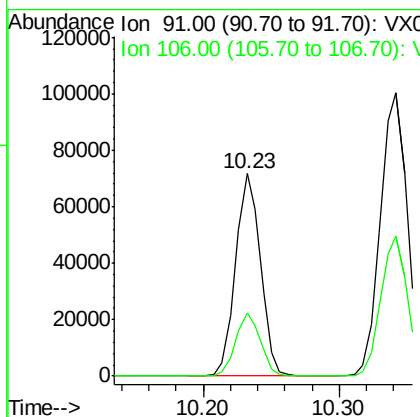
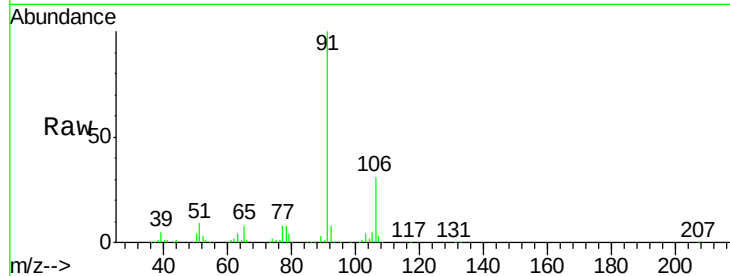
#67
Ethyl Benzene
Concen: 4.894 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 91513
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

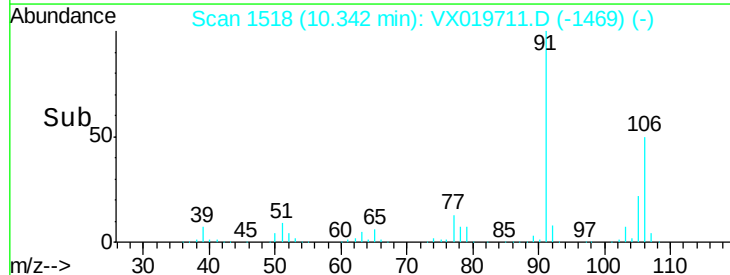
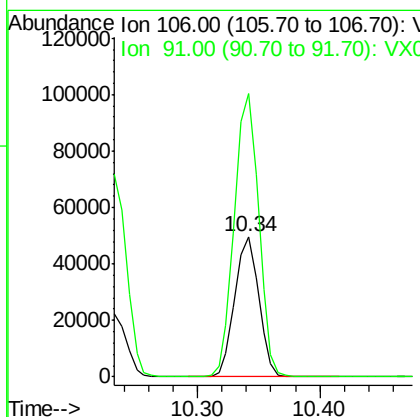
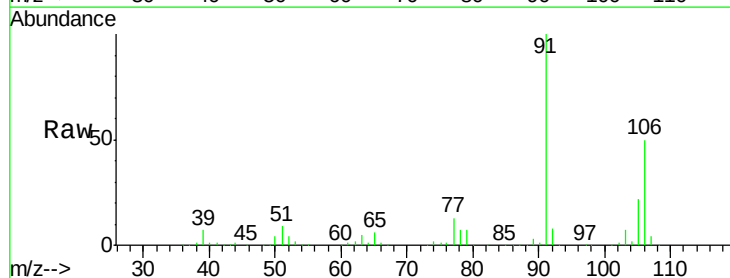
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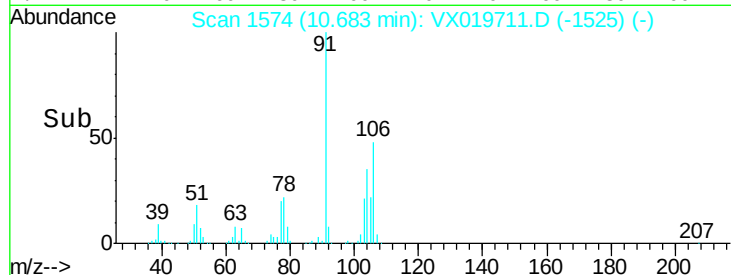
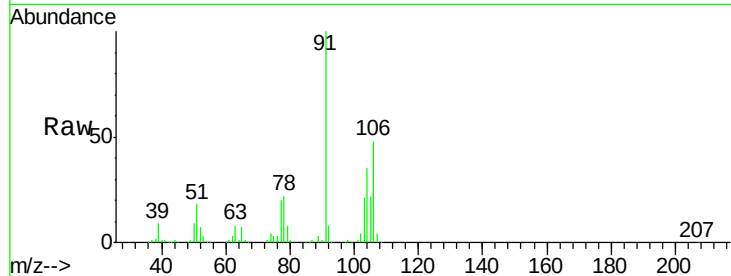
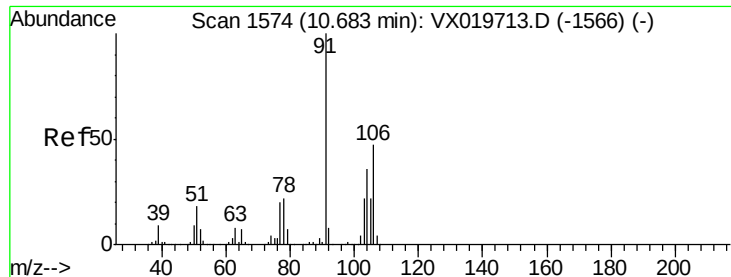
MMDadoda
12/7/2020 10:56:12 AM



#68
m/p-Xylenes
Concen: 9.699 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 106 Resp: 67817
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2





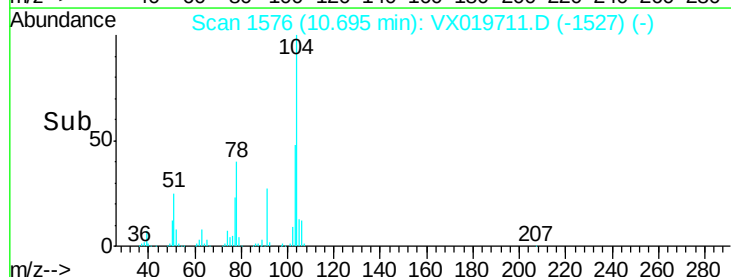
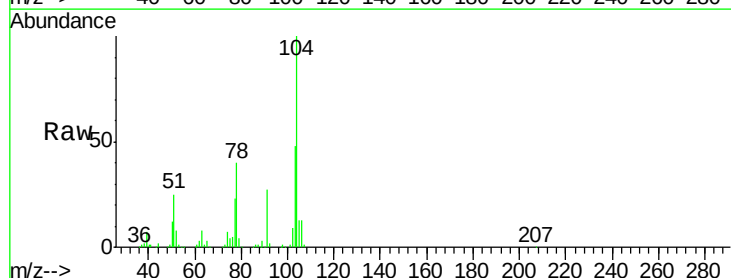
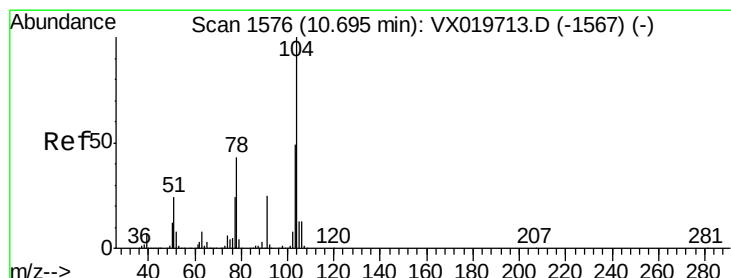
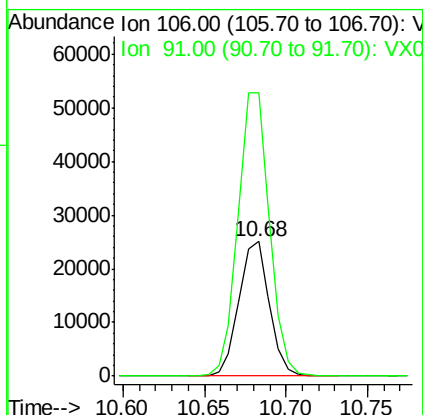
#69
o-Xylene
Concen: 4.826 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tot Ion:106 Resp: 32757
Ion Ratio Lower Upper
106 100
91 217.3 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

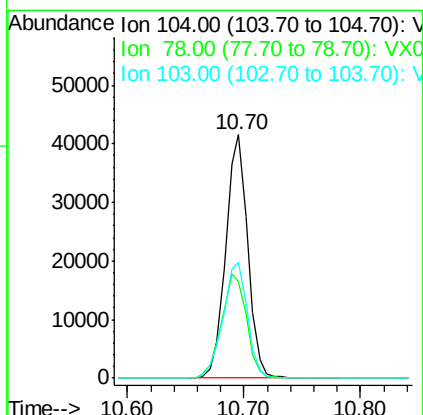
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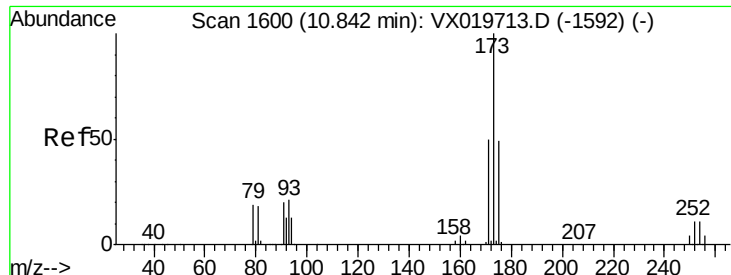
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#70
Styrene
Concen: 4.775 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion:104 Resp: 54357
Ion Ratio Lower Upper
104 100
78 48.6 40.0 60.0
103 52.4 43.4 65.0





#71

Bromoform

Concen: 4.445 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 13252

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

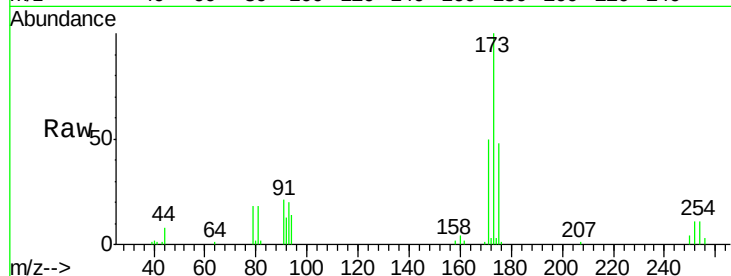
254 0.0 0.1 0.1#

Manual Integrations

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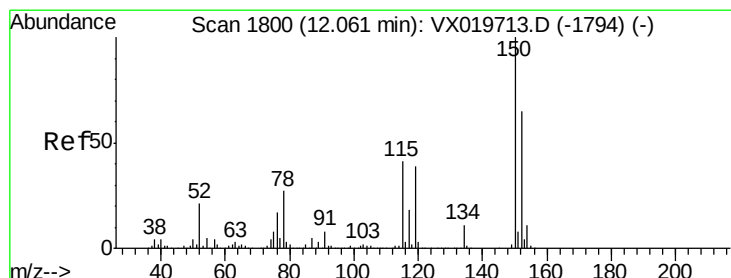
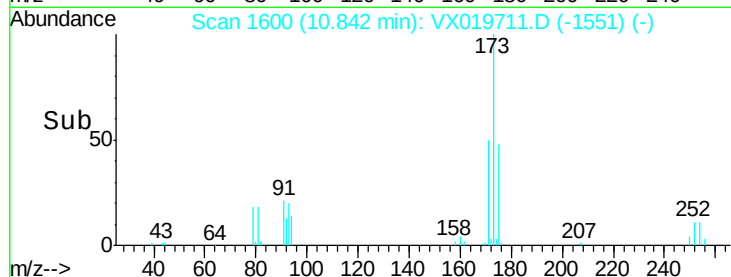
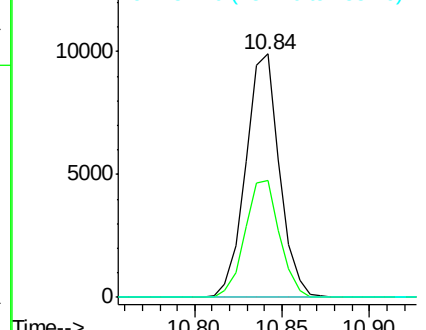
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

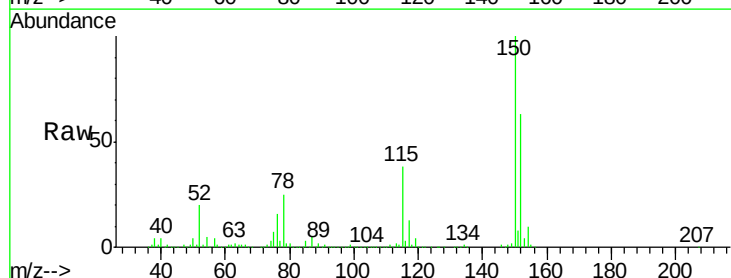
Tgt Ion:152 Resp: 246939

Ion Ratio Lower Upper

152 100

115 62.0 41.1 123.3

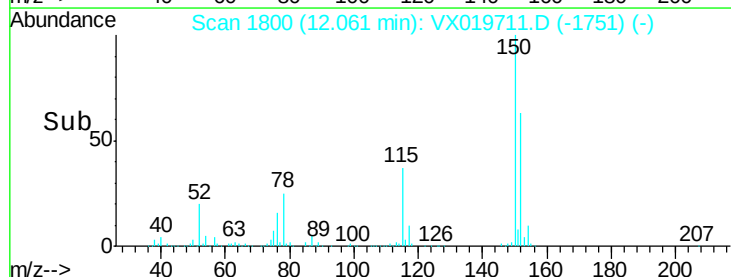
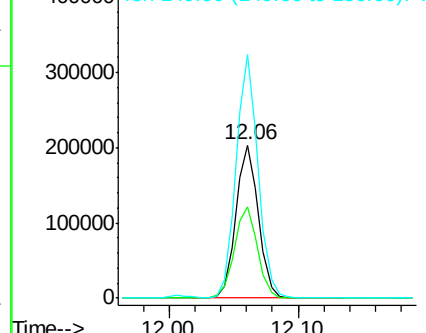
150 156.6 0.0 349.0

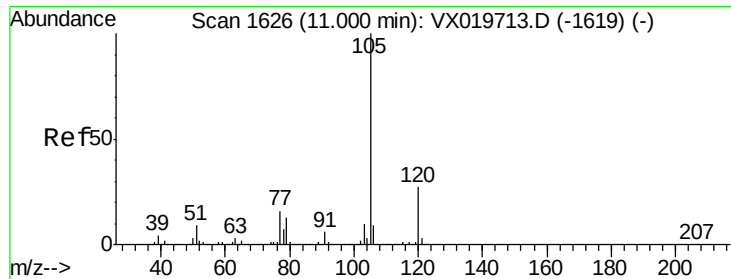


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.081 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 87371

Ion Ratio Lower Upper

105 100

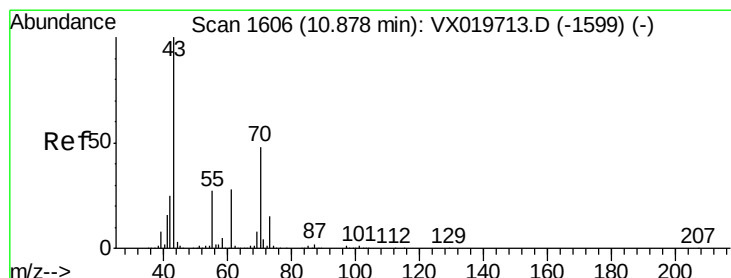
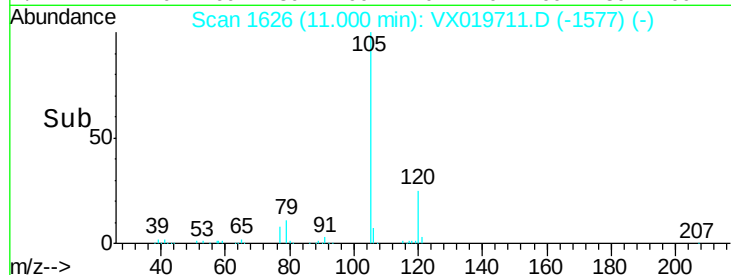
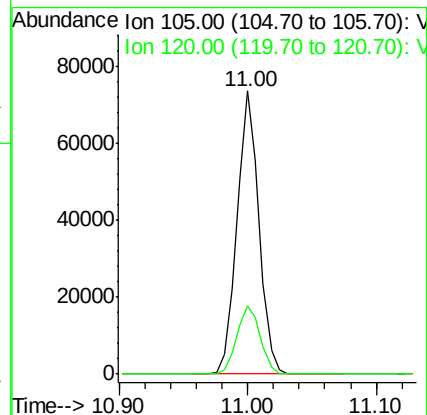
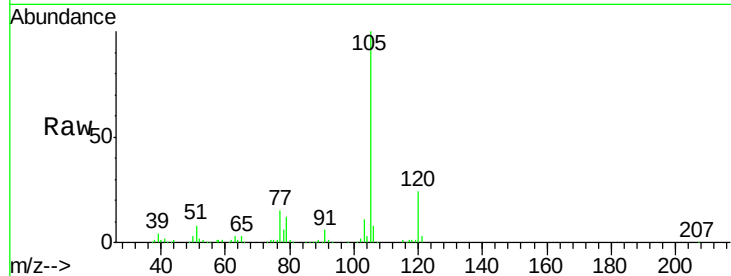
120 25.9 13.2 39.6

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#74

N-ethyl acetate

Concen: 4.878 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion: 43 Resp: 33679

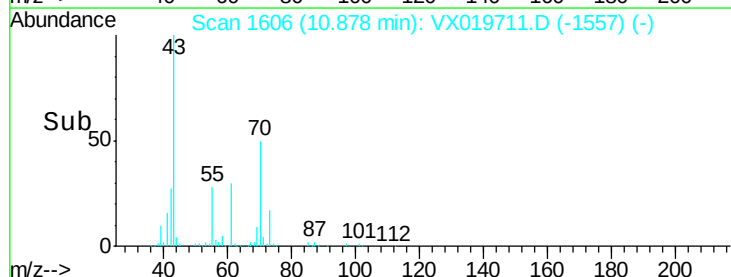
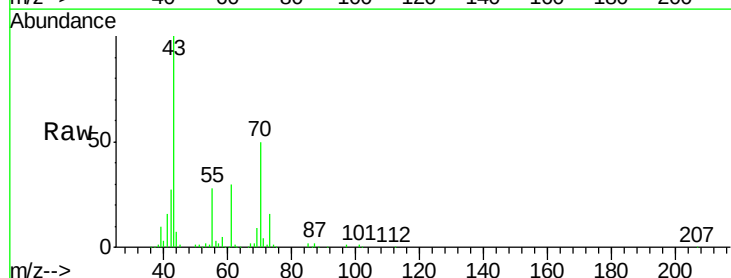
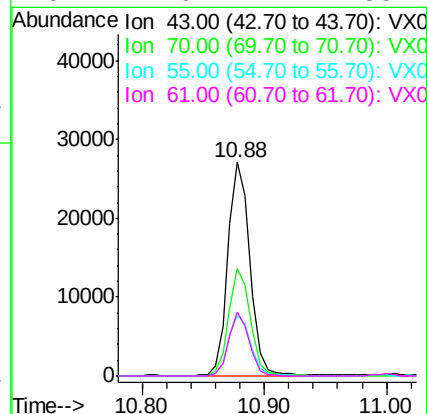
Ion Ratio Lower Upper

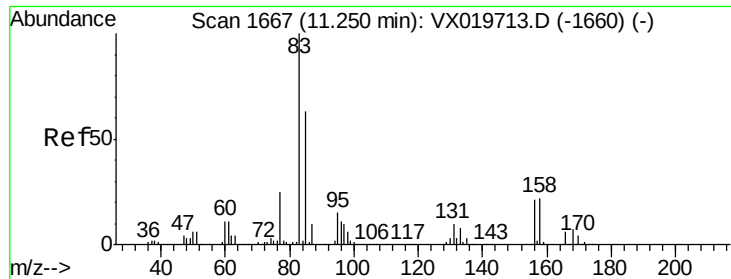
43 100

70 50.0 39.0 58.6

55 29.2 21.5 32.3

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.138 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

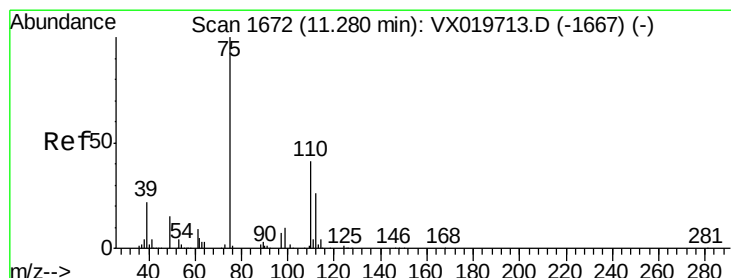
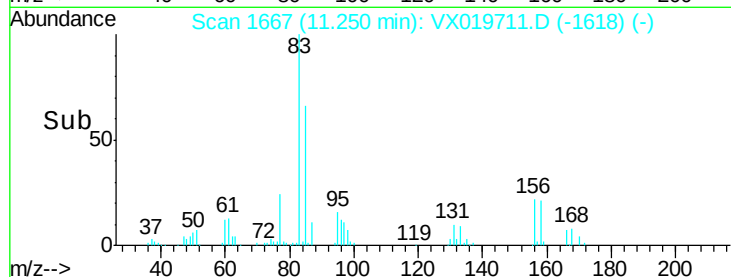
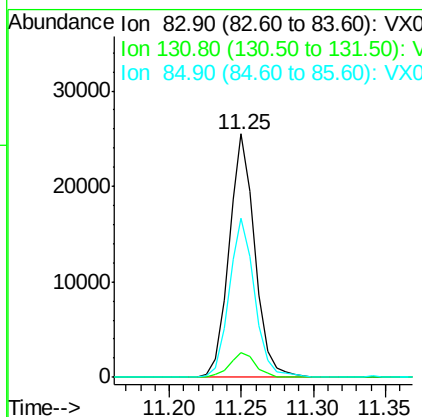
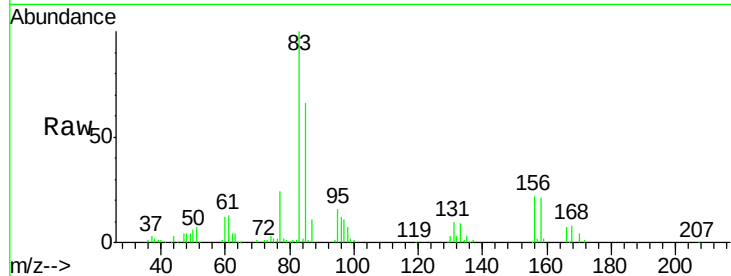
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	31997
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.2
85	65.3	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 5.284 ug/l m

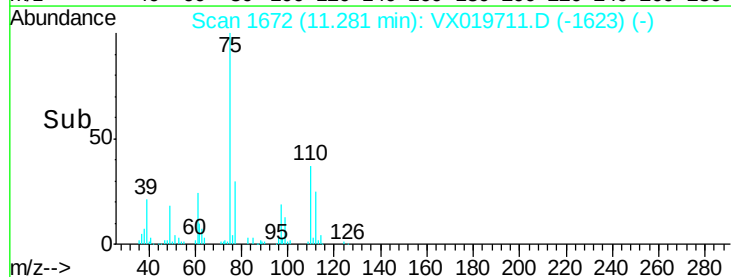
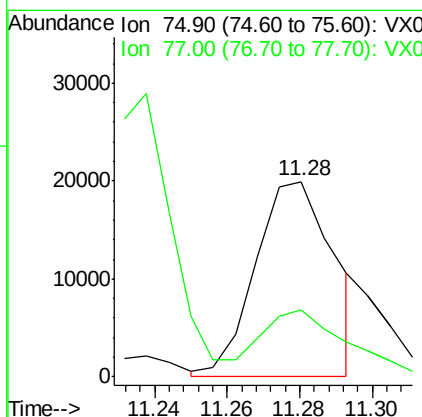
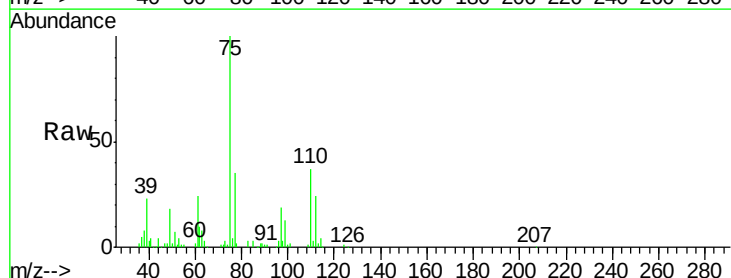
RT: 11.28 min Scan# 1672

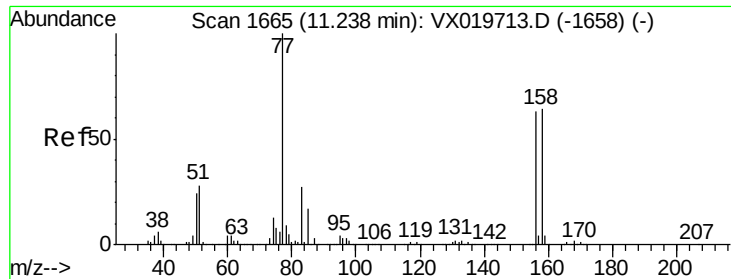
Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	75	Resp:	29907
Ion Ratio	Lower	Upper	
75	100		
77	37.5	19.1	57.5





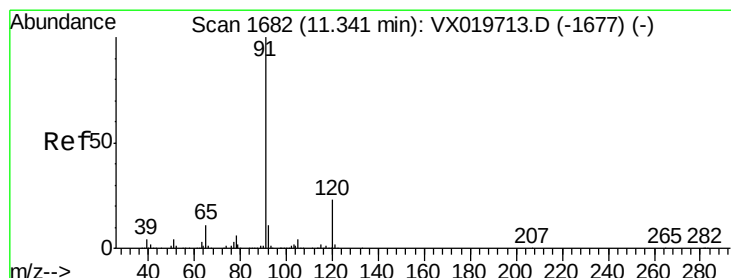
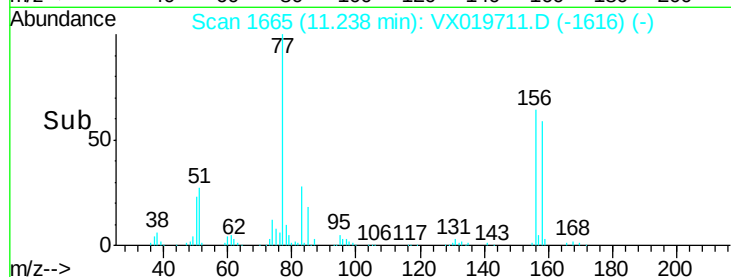
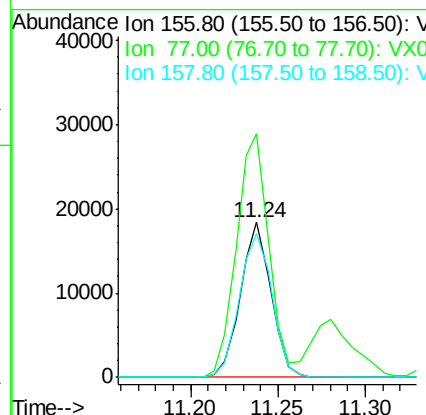
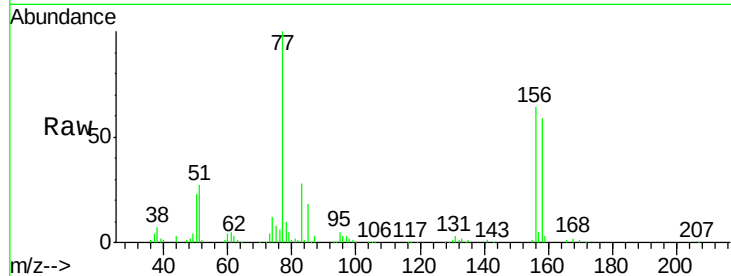
#77
Bromobenzene
Concen: 4.990 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.0	82.8	248.6
158	99.1	49.1	147.4

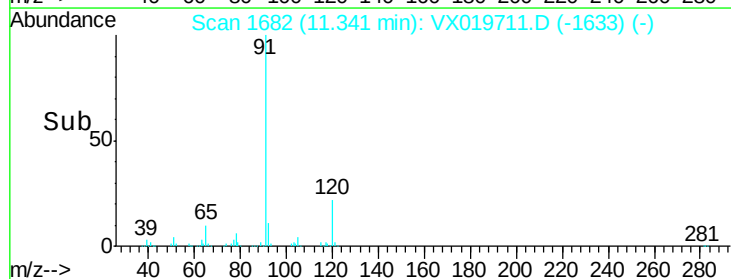
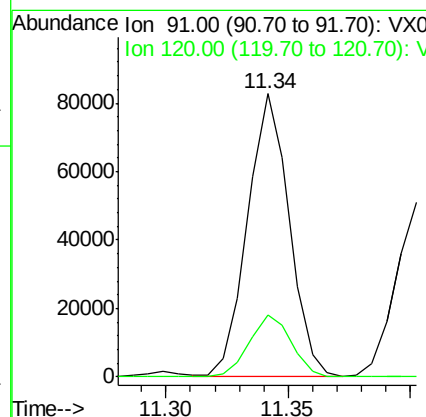
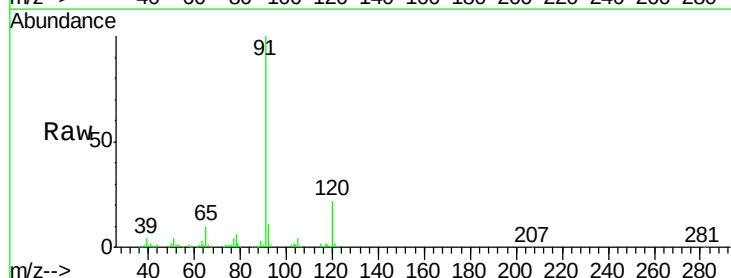
Manual Integrations
APPROVED

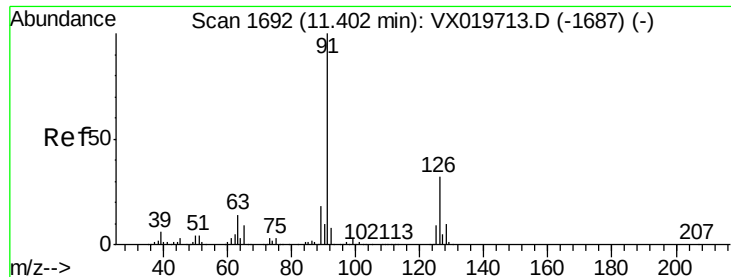
MMDadoda
12/7/2020 10:56:12 AM



#78
n-propylbenzene
Concen: 4.887 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.5	34.5





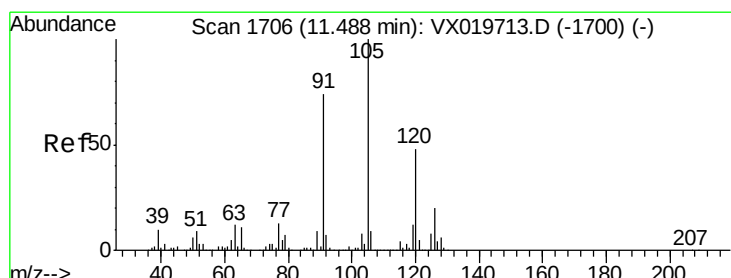
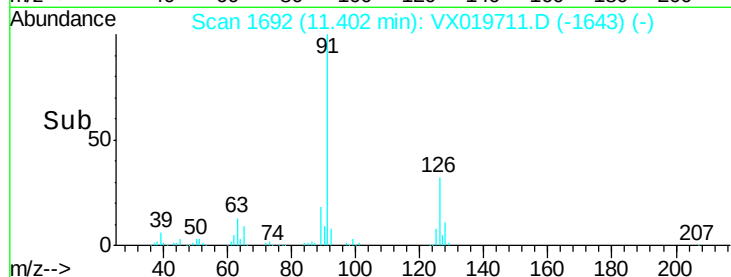
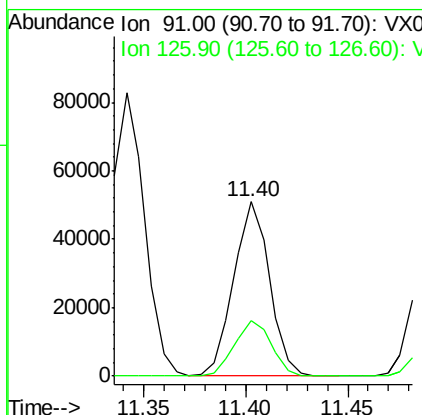
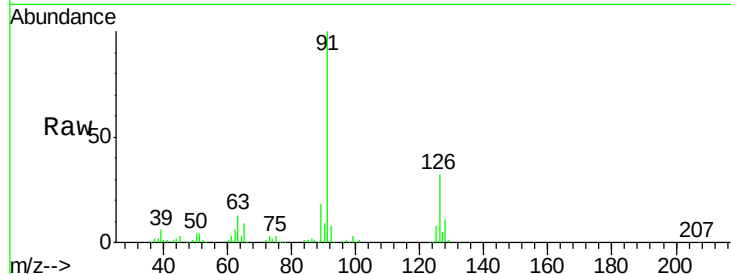
#79
2-Chlorotoluene
Concen: 5.124 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 61795
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8

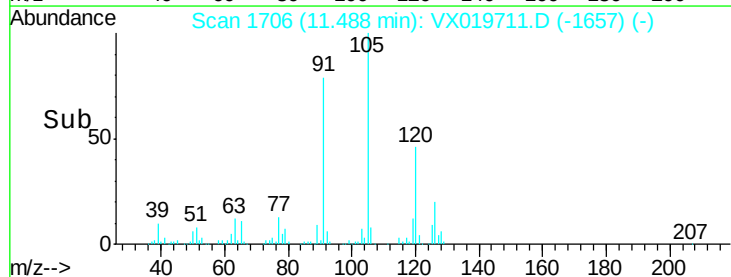
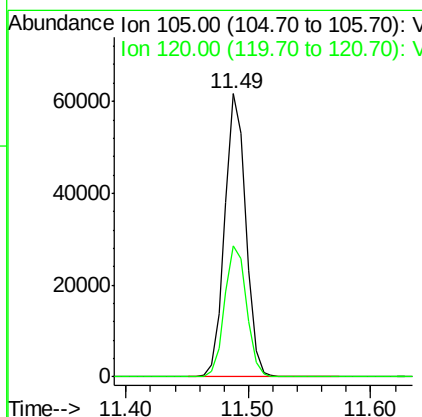
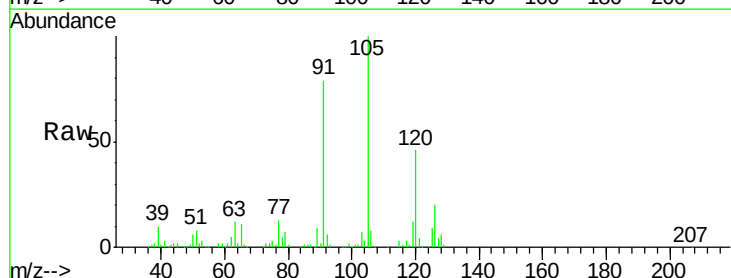
Manual Integrations
APPROVED

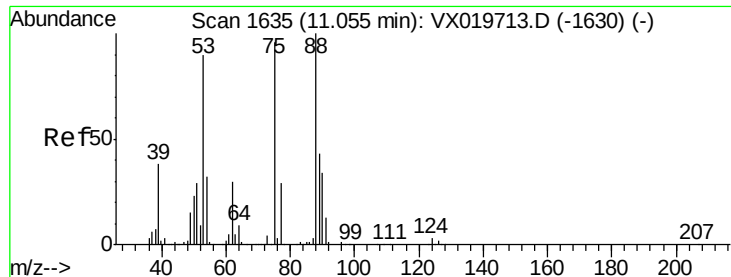
MMDadoda
12/7/2020 10:56:12 AM



#80
1,3,5-Trimethylbenzene
Concen: 5.039 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion: 105 Resp: 73287
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5





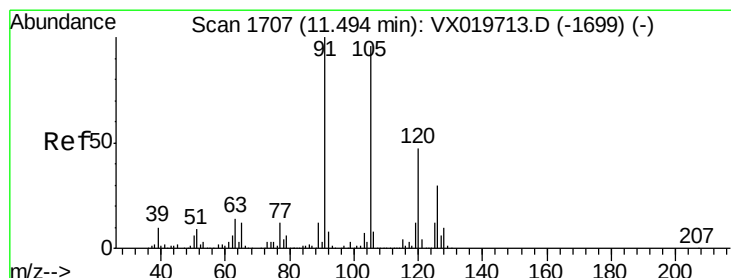
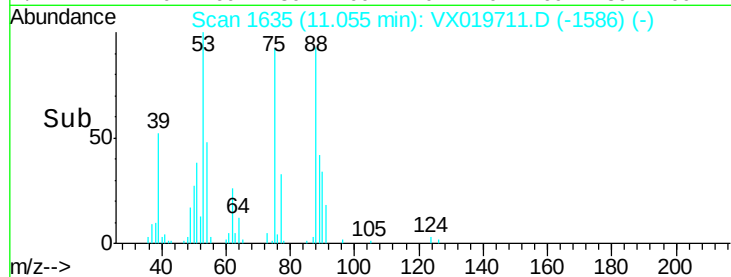
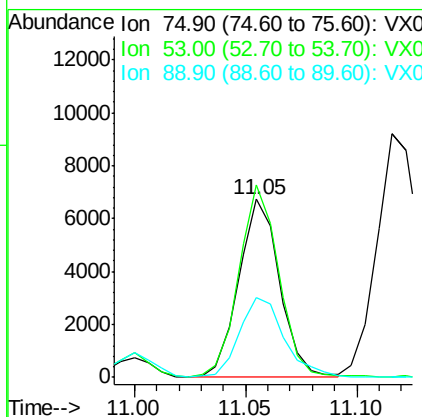
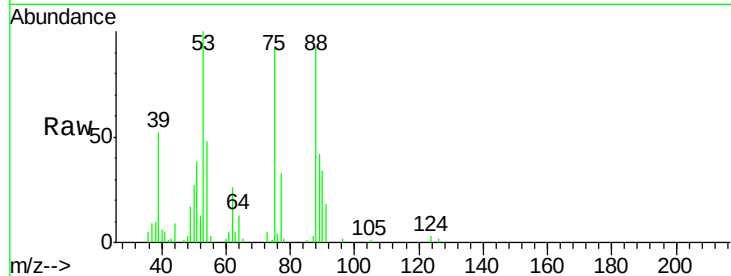
#81
trans-1,4-Dichloro-2-butene
Concen: 4.265 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.6	74.5	111.7
89	49.4	37.9	56.9

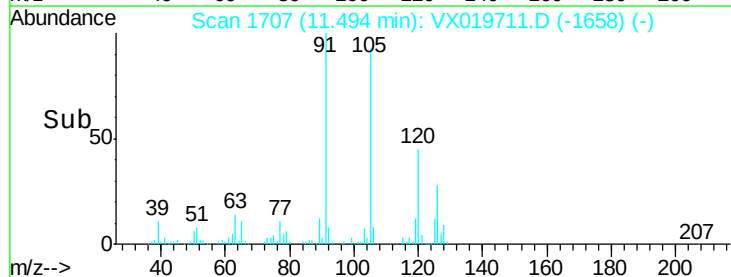
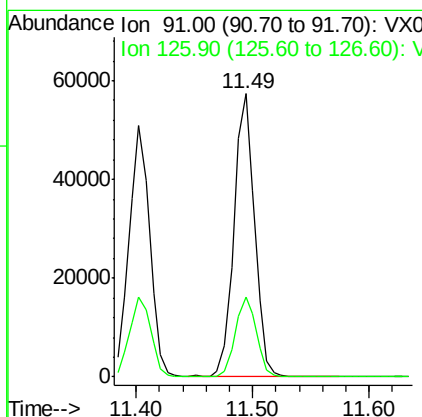
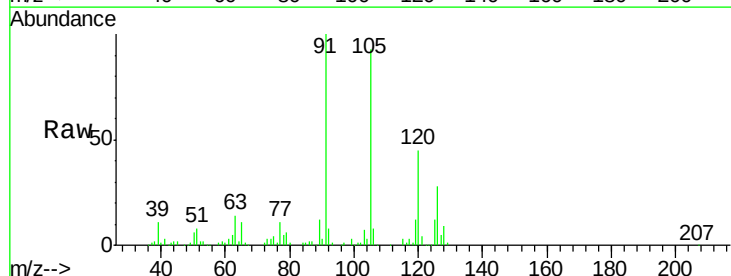
Manual Integrations
APPROVED

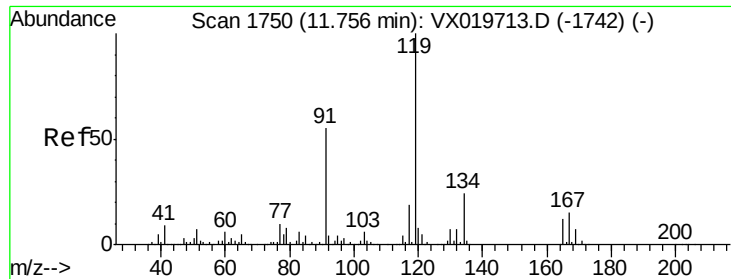
MMDadoda
12/7/2020 10:56:12 AM



#82
4-Chlorotoluene
Concen: 5.016 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.9	44.5





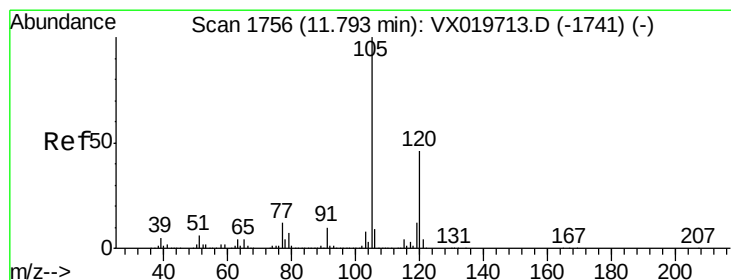
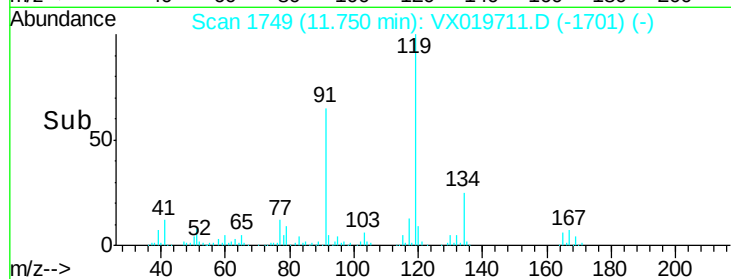
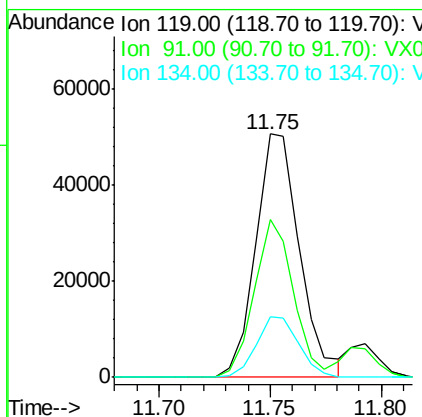
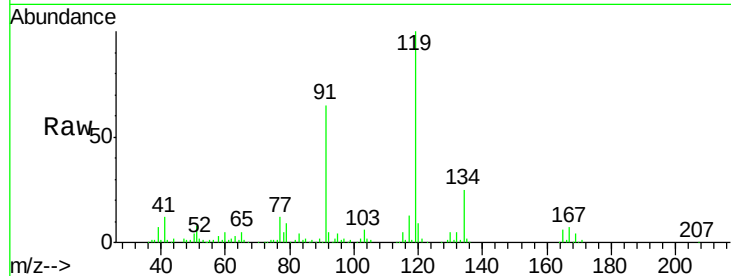
#83
 tert-Butylbenzene
 Concen: 4.840 ug/l
 RT: 11.75 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	27.9	83.7
134	23.9	11.3	33.9

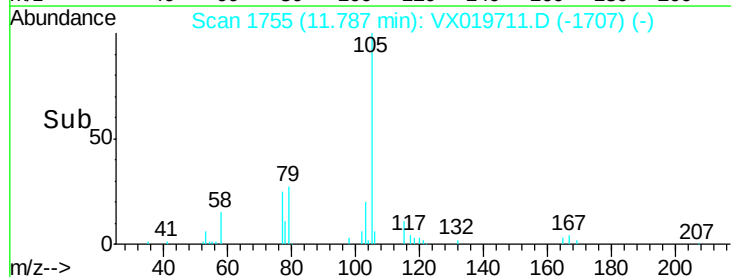
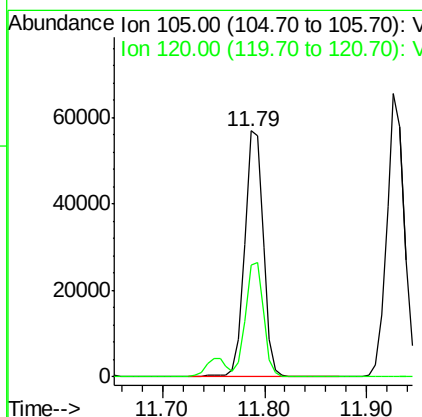
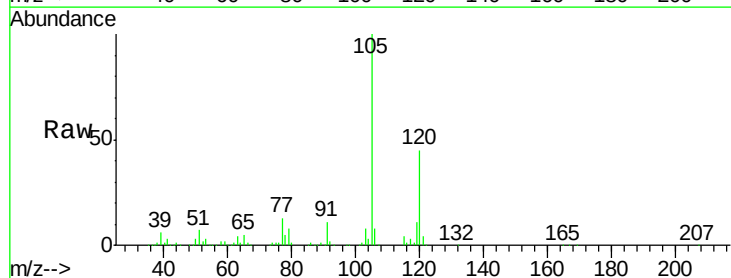
Manual Integrations
 APPROVED

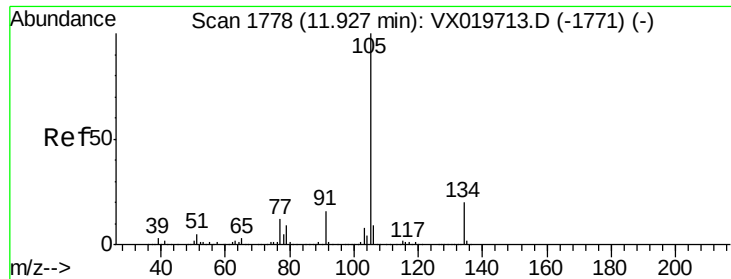
MMDadoda
 12/7/2020 10:56:12 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 4.895 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





#85

sec-Butylbenzene

Concen: 4.837 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 79103

Ion Ratio Lower Upper

105 100

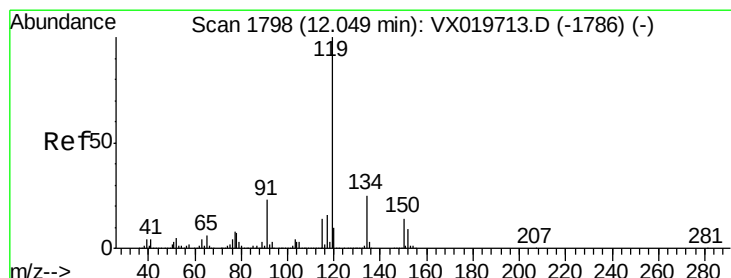
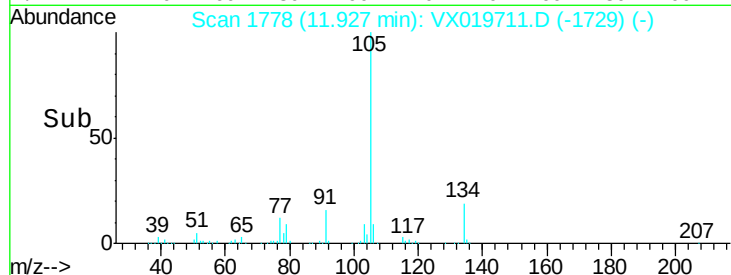
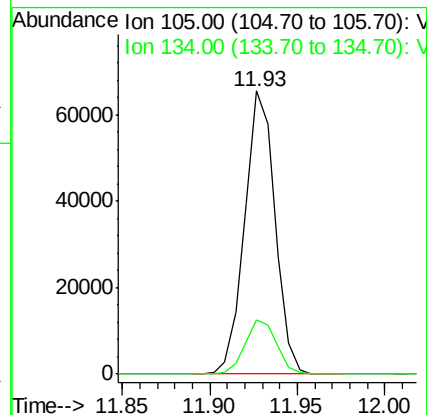
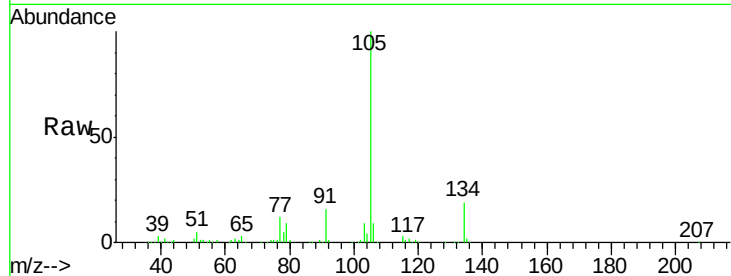
134 19.7 10.0 29.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 4.757 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

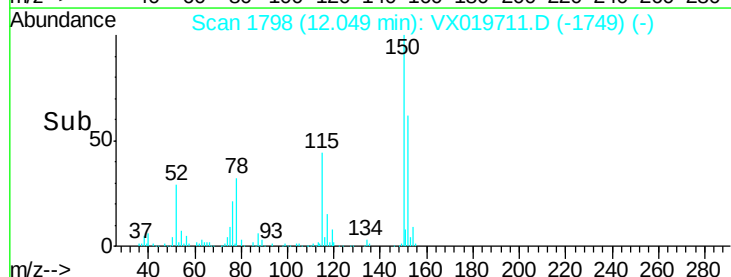
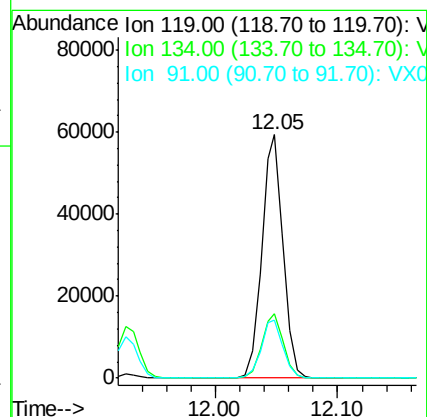
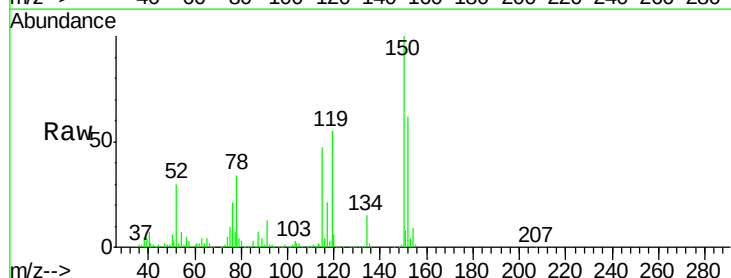
Tgt Ion:119 Resp: 71790

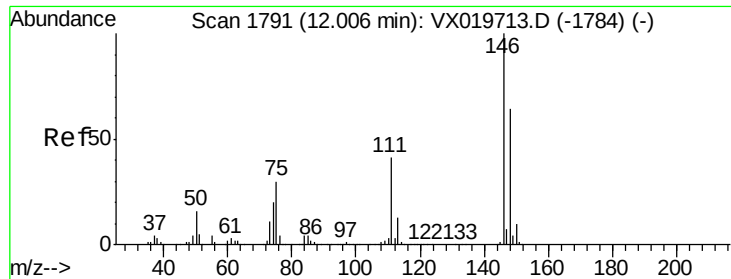
Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

91 24.9 11.7 35.0





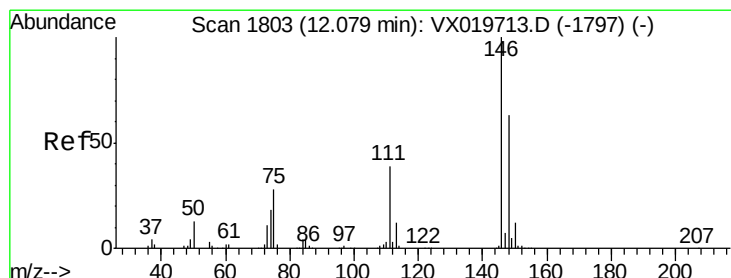
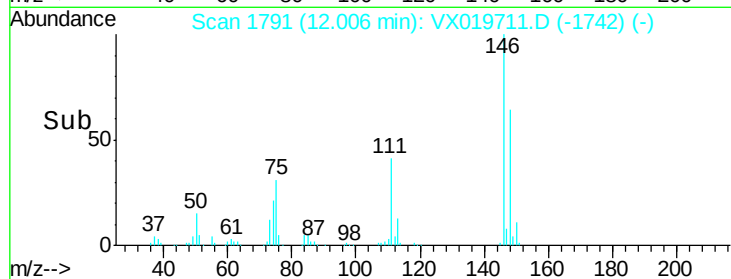
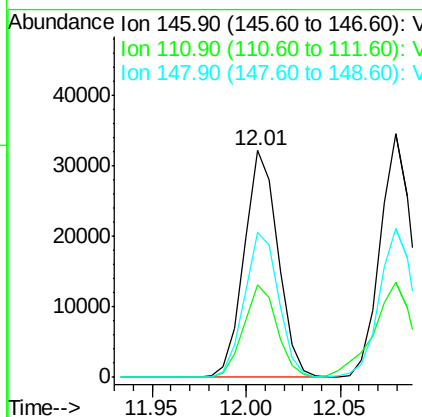
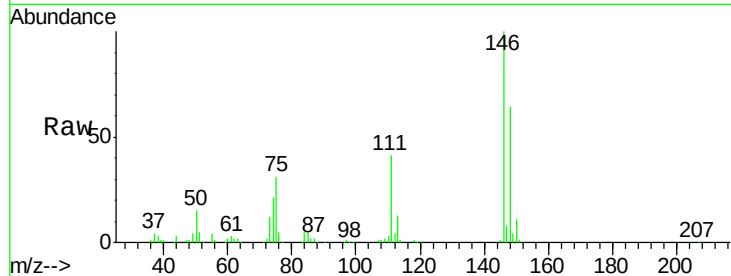
#87
 1,3-Dichlorobenzene
 Concen: 4.950 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.7	31.9	95.7

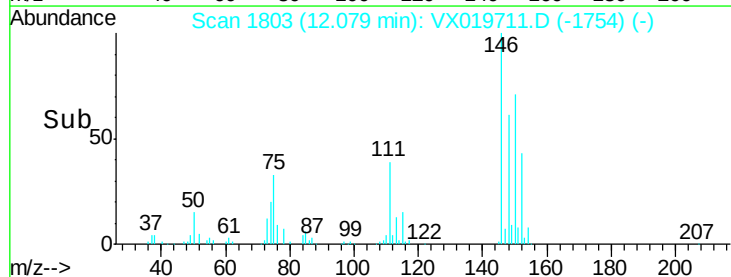
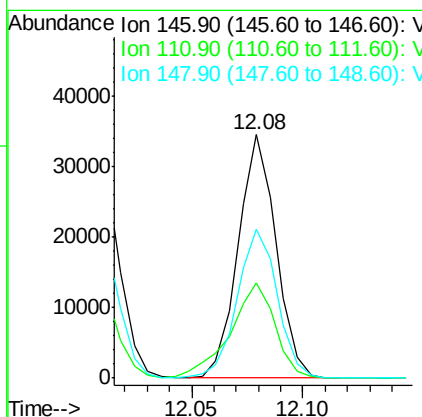
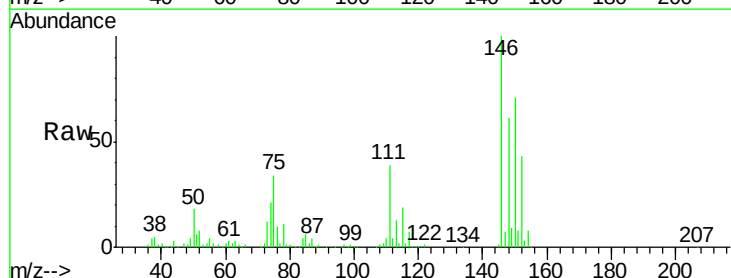
Manual Integrations
 APPROVED

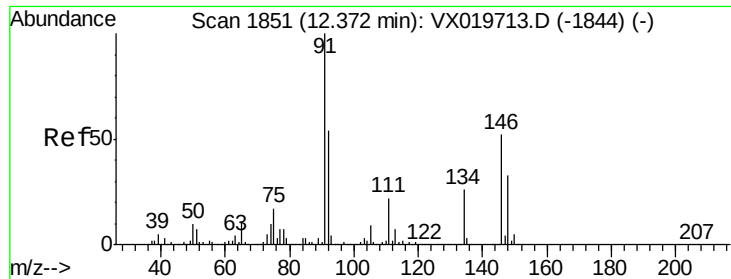
MMDadoda
 12/7/2020 10:56:12 AM



#88
 1,4-Dichlorobenzene
 Concen: 4.948 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	19.6	58.8
148	65.1	31.6	95.0





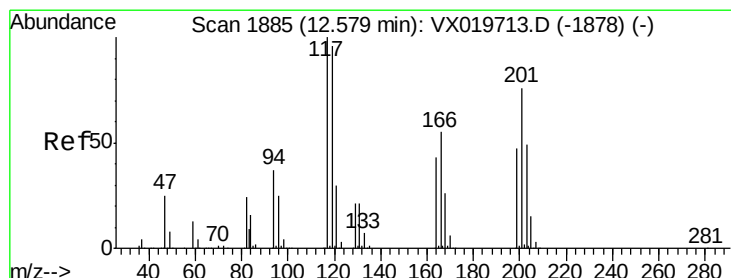
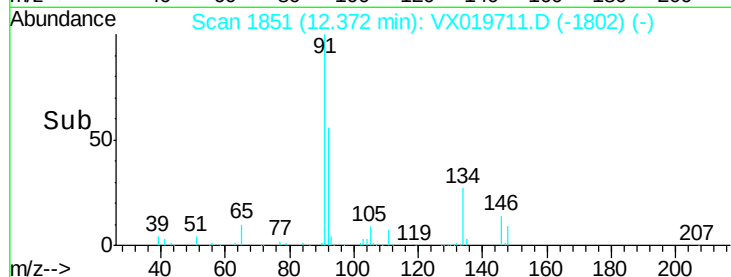
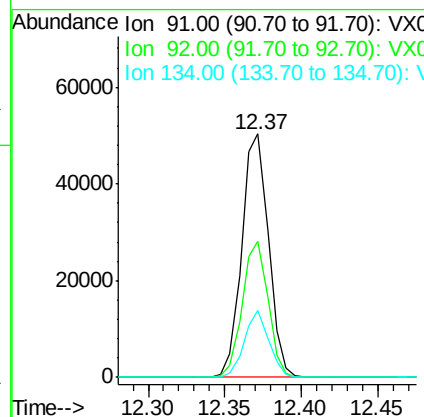
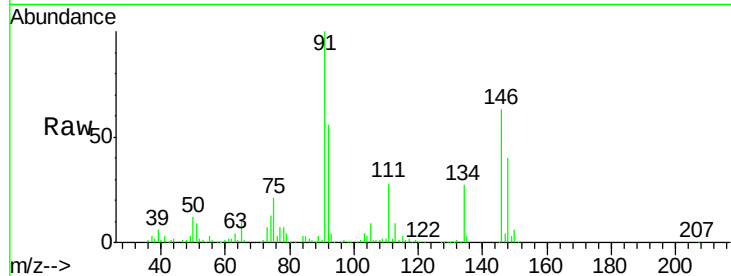
#89
n-Butylbenzene
Concen: 4.592 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.0
134	25.1	13.2	39.5

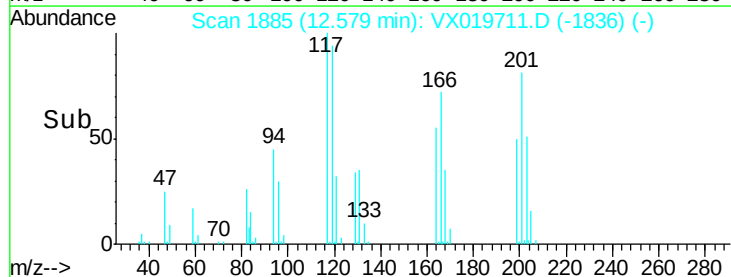
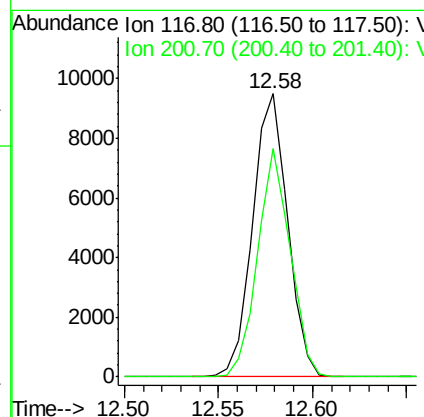
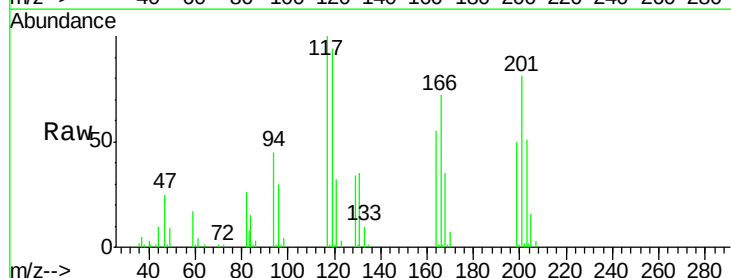
Manual Integrations
APPROVED

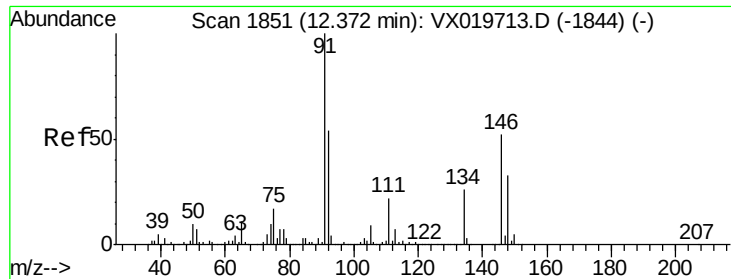
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#90
Hexachloroethane
Concen: 4.749 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019711.D
Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 5.075 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

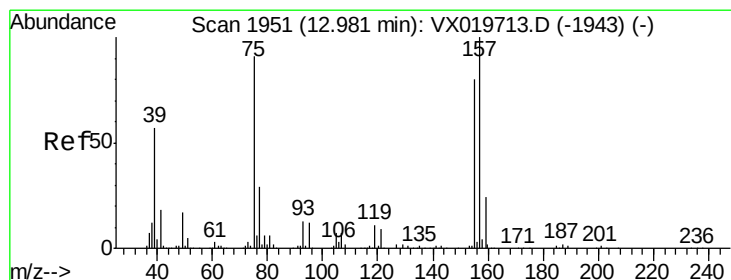
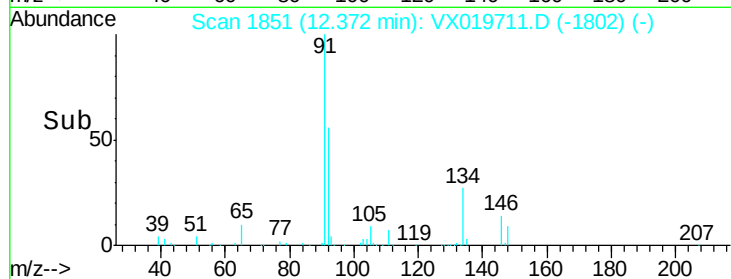
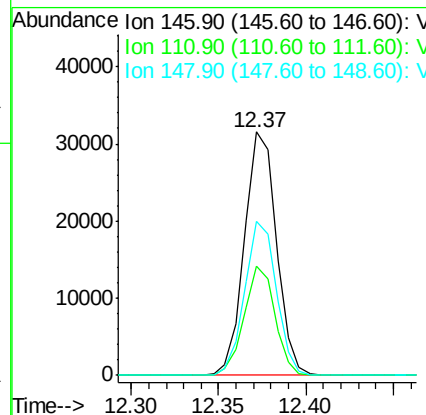
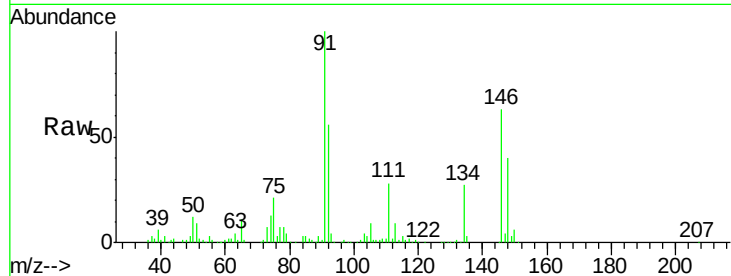
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	40289
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.8	62.2
148	62.6	31.9	95.5

Manual Integrations
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12/7/2020 10:56:12 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.882 ug/l

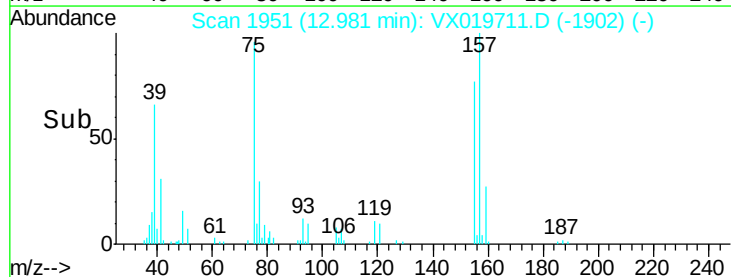
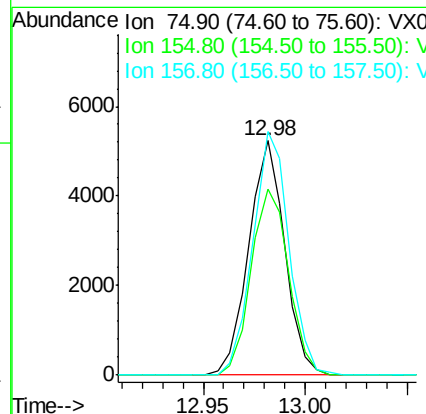
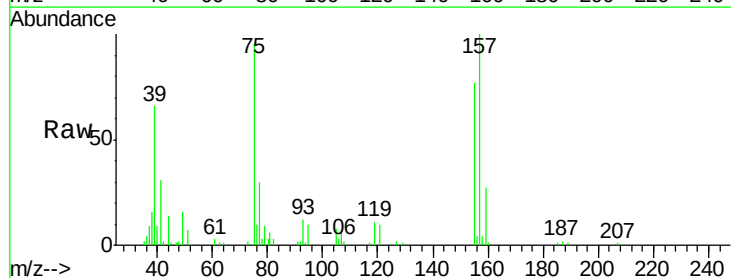
RT: 12.98 min Scan# 1951

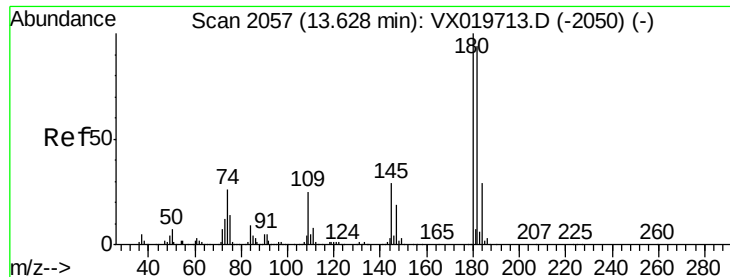
Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	75	Resp:	6422
Ion	Ratio	Lower	Upper
75	100		
155	82.7	45.3	135.9
157	104.7	57.7	173.1





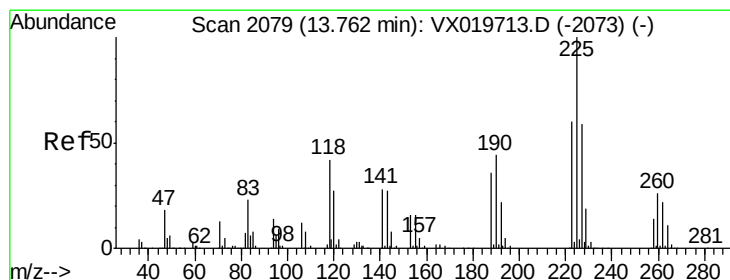
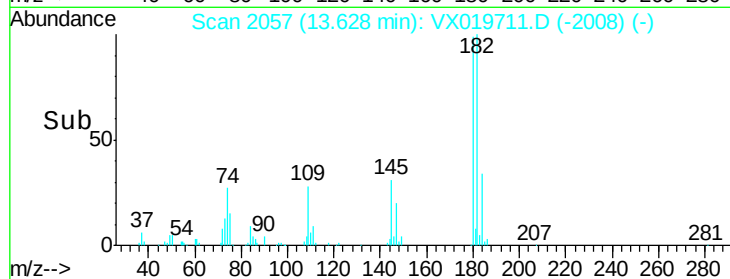
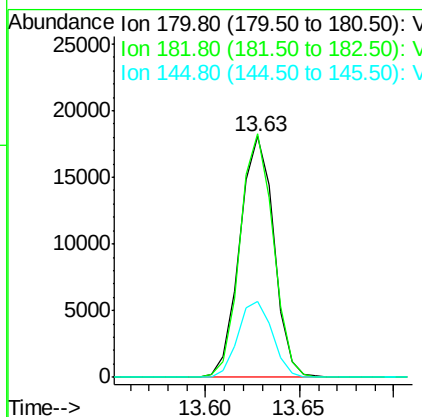
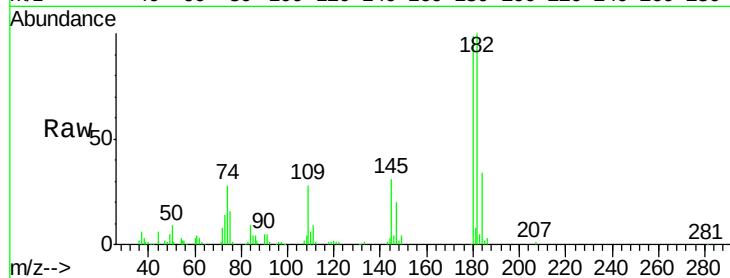
#93
 1,2,4-Trichlorobenzene
 Concen: 4.405 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.7	143.1
145	31.7	15.0	45.0

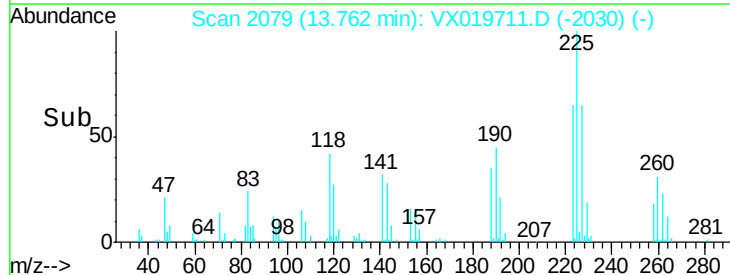
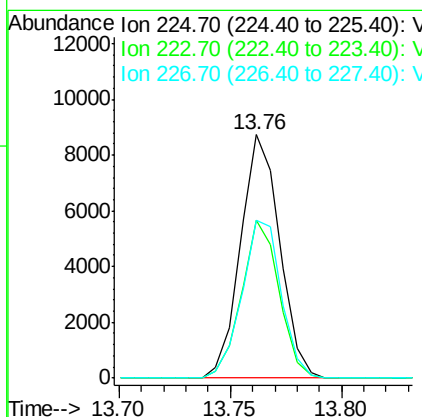
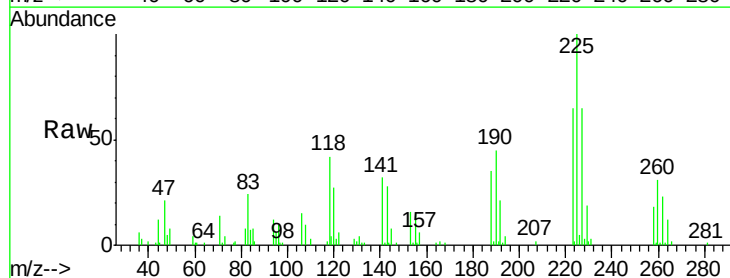
Manual Integrations
 APPROVED

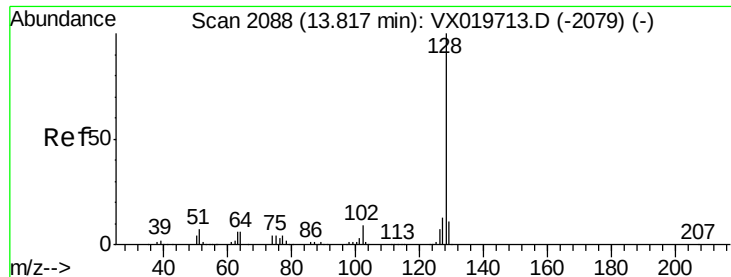
MMDadoda
 12/7/2020 10:56:12 AM



#94
 Hexachlorobutadiene
 Concen: 4.908 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019711.D
 Acq: 04 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	65.4	31.6	95.0





#95

Naphthalene

Concen: 4.491 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Instrument :

MSVOA_X

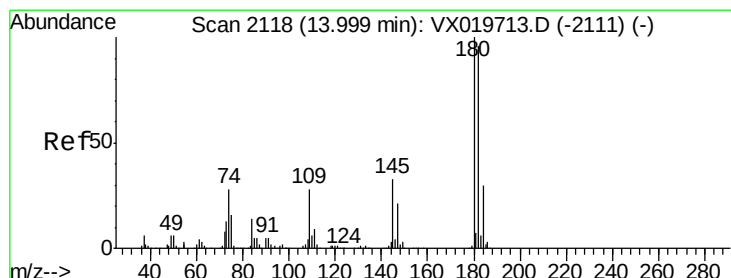
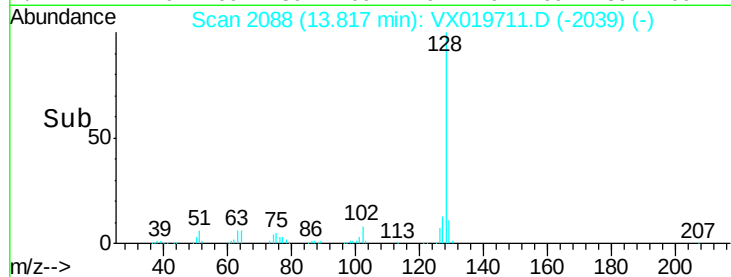
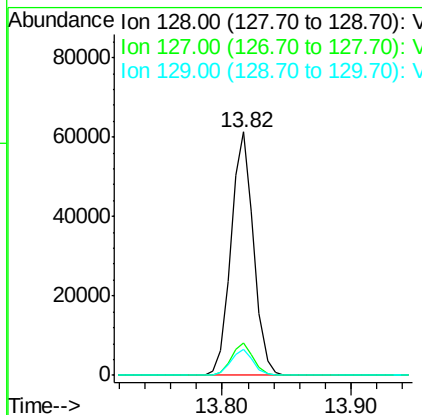
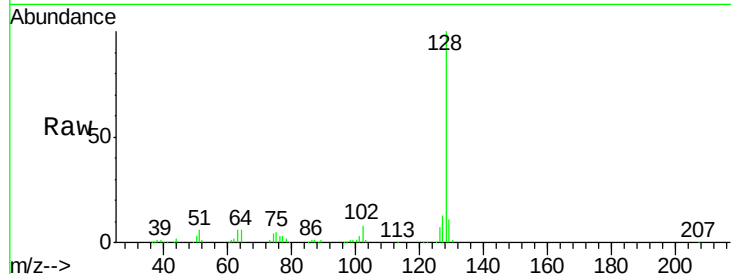
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	74974
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 4.488 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019711.D

Acq: 04 Dec 2020 11:12

Tgt Ion:	180	Resp:	22905
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	32.9	16.1	48.3

