

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064652.D
 Acq On : 27 Dec 2019 18:43
 Operator : VA/SY
 Sample : K6450-01
 Misc : 9.1G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-30-32

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.950	3	5	15	rVB3	14783	25207	1.42%	0.228%
2	2.350	64	73	79	rBV	56288	95491	5.39%	0.865%
3	4.956	506	516	528	rBV5	12373	42431	2.40%	0.385%
4	7.714	977	985	993	rBV4	10930	25940	1.47%	0.235%
5	7.920	1009	1020	1025	rBV2	266827	639448	36.12%	5.795%
6	7.985	1025	1031	1042	rVB	493697	1116355	63.05%	10.117%
7	8.332	1081	1090	1103	rBV2	227290	513450	29.00%	4.653%
8	8.867	1171	1181	1191	rBV	685192	1385034	78.23%	12.552%
9	10.338	1421	1431	1440	rBV	961076	1770528	100.00%	16.045%
10	11.649	1642	1654	1665	rBV	751049	1324858	74.83%	12.006%
11	12.638	1814	1822	1831	rVB	539186	882107	49.82%	7.994%
12	12.902	1862	1867	1872	rVB4	16998	30897	1.75%	0.280%
13	12.996	1872	1883	1886	rBV7	16425	40647	2.30%	0.368%
14	13.361	1940	1945	1953	rVB5	19862	49887	2.82%	0.452%
15	13.467	1956	1963	1968	rBV6	20342	43737	2.47%	0.396%
16	13.579	1968	1982	1991	rBV	518570	945032	53.38%	8.564%
17	13.691	1996	2001	2008	rVB10	22312	52704	2.98%	0.478%
18	13.767	2010	2014	2018	rBV7	16087	22016	1.24%	0.200%
19	13.849	2021	2028	2032	rBV8	13963	36127	2.04%	0.327%
20	13.902	2034	2037	2040	rBV5	14951	21159	1.20%	0.192%
21	14.008	2053	2055	2061	rVB6	13063	20428	1.15%	0.185%
22	14.114	2068	2073	2078	rBV7	20861	34912	1.97%	0.316%
23	14.226	2089	2092	2096	rVB3	19626	21643	1.22%	0.196%
24	14.291	2097	2103	2110	rVB2	116778	204602	11.56%	1.854%
25	14.361	2111	2115	2117	rBV5	15246	19719	1.11%	0.179%
26	14.443	2121	2129	2136	rVB	345288	639008	36.09%	5.791%
27	14.549	2141	2147	2153	rVV	156822	287360	16.23%	2.604%
28	14.620	2155	2159	2167	rVB5	28133	71133	4.02%	0.645%
29	14.690	2167	2171	2176	rBV7	9072	19398	1.10%	0.176%
30	14.832	2191	2195	2199	rBV7	14180	28147	1.59%	0.255%
31	14.879	2199	2203	2210	rVB5	30363	57234	3.23%	0.519%
32	15.038	2225	2230	2236	rVB3	74270	133528	7.54%	1.210%
33	15.108	2237	2242	2247	rBV	52938	96135	5.43%	0.871%
34	15.173	2247	2253	2263	rVV4	51766	135619	7.66%	1.229%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	15.373	2284	2287	2292	rVB6	17647	26121	1.48%	0.237%
36	15.455	2296	2301	2310	rBV4	61606	151422	8.55%	1.372%
37	15.920	2377	2380	2387	rBV7	14156	25183	1.42%	0.228%

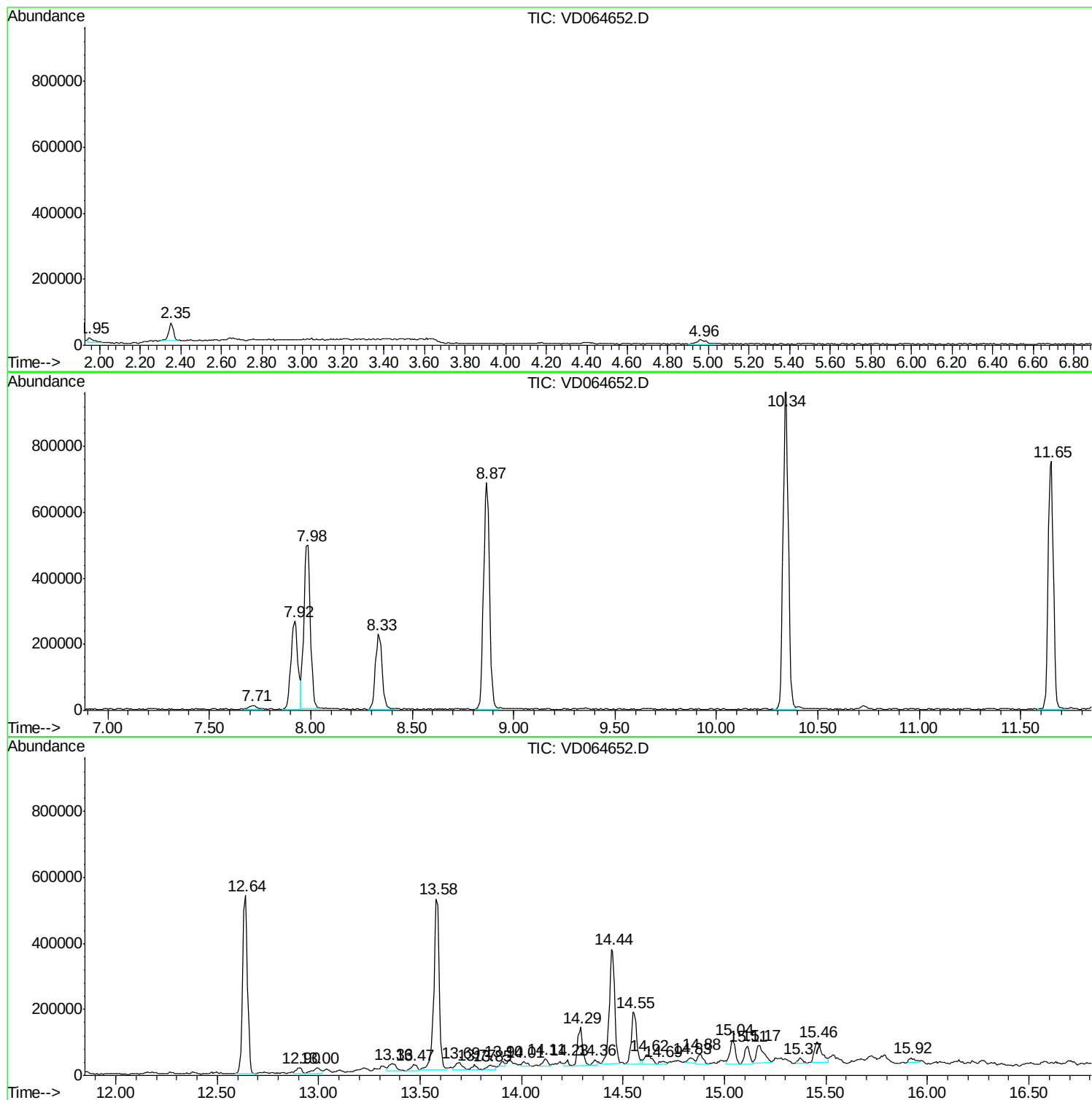
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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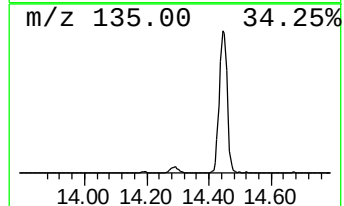
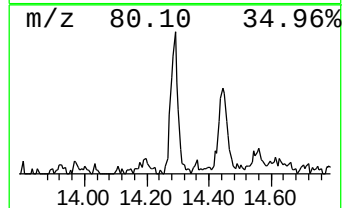
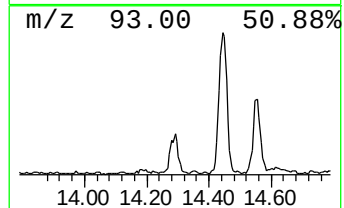
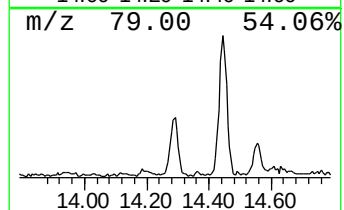
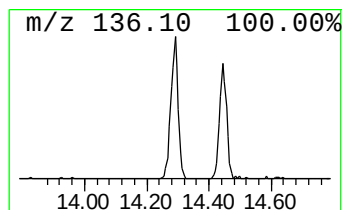
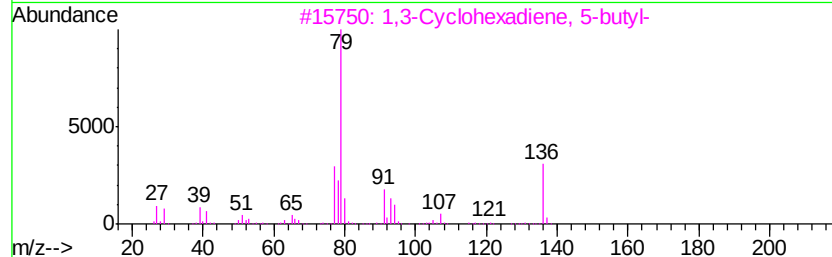
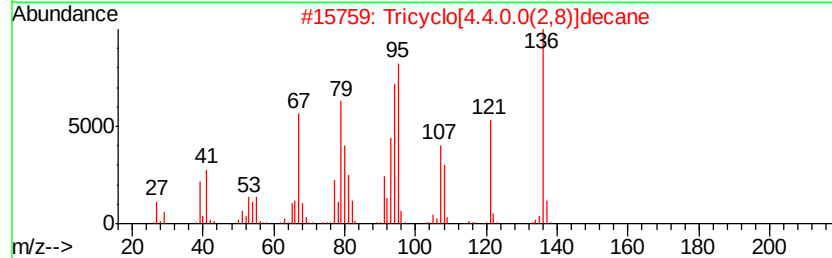
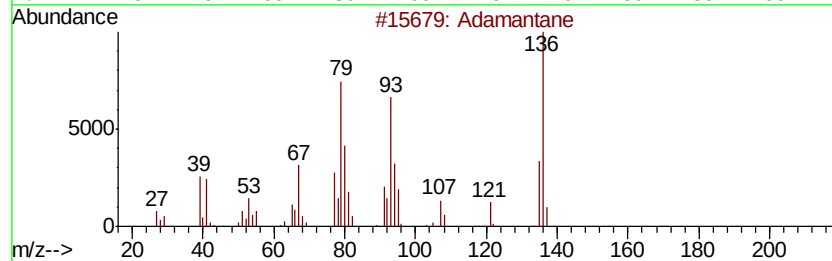
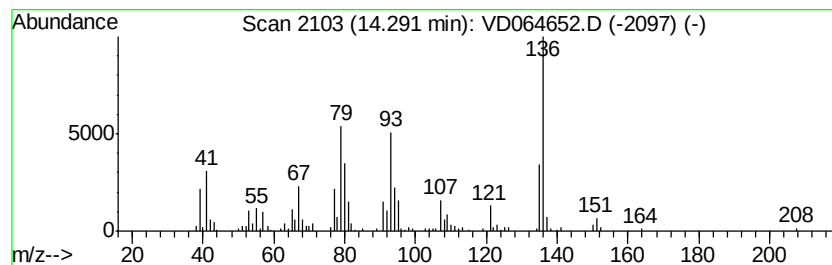
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Adamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	10.83 ug/l	204602	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 98
2	Tricyclo[4.4.0.0(2,8)]decane		136 C10H16	049700-59-6 64
3	1,3-Cyclohexadiene, 5-butyl-		136 C10H16	030168-57-1 49
4	.gamma.-Terpinene		136 C10H16	000099-85-4 47
5	3H-Cyclopenta[c]pyridazin-3-one,...		136 C7H8N2O	1000338-22-1 43



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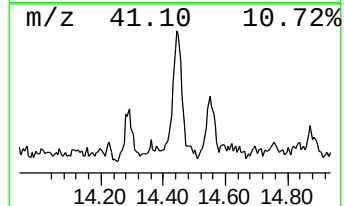
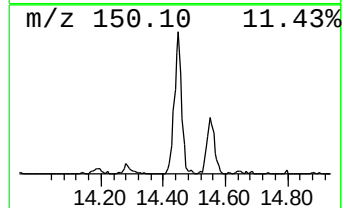
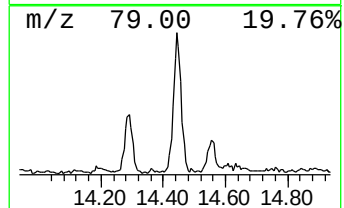
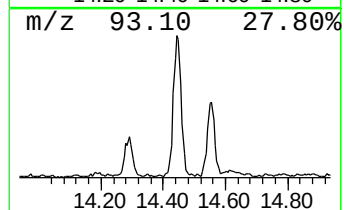
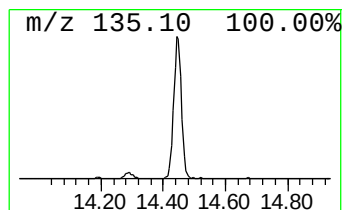
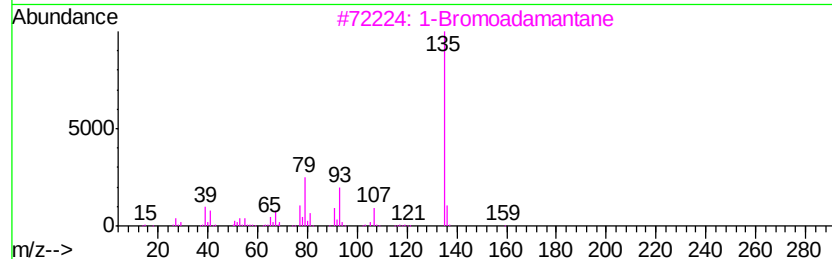
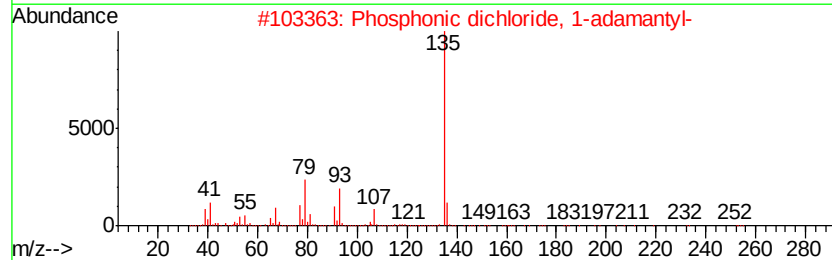
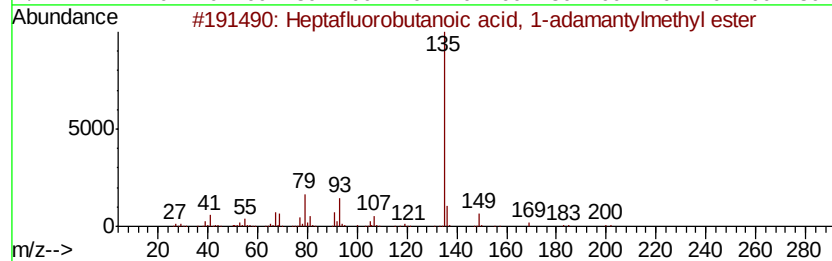
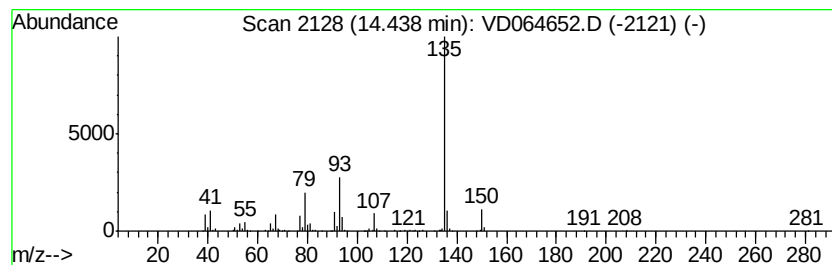
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptafluorobutanoic acid, 1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.44	33.81 ug/l	639008	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	72
2		Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	72
3		1-Bromoadamantane	214	C10H15Br	000768-90-1	72
4		1H-Pyrazole-3-carboxylic acid, 1...	345	C19H27N3O3	1000351-30-4	64
5		Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	64



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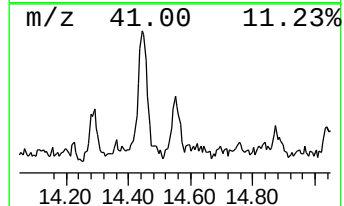
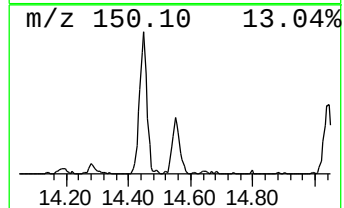
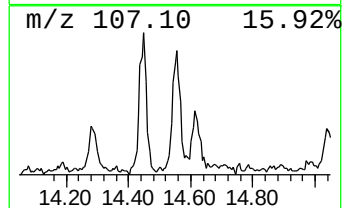
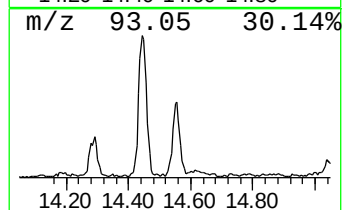
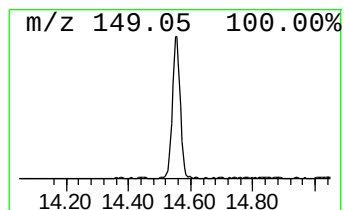
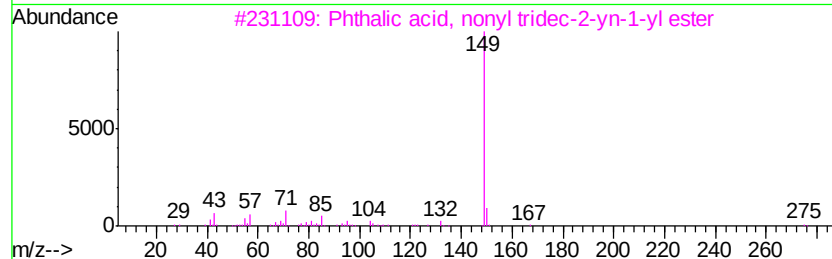
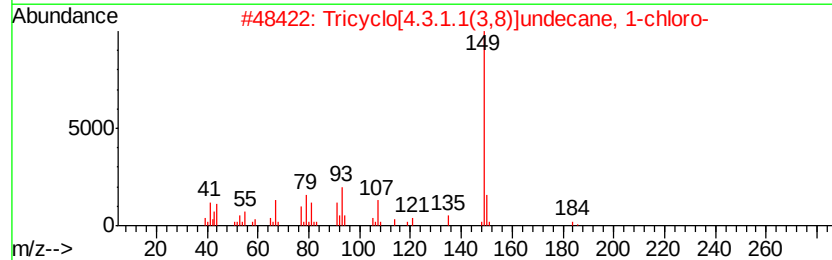
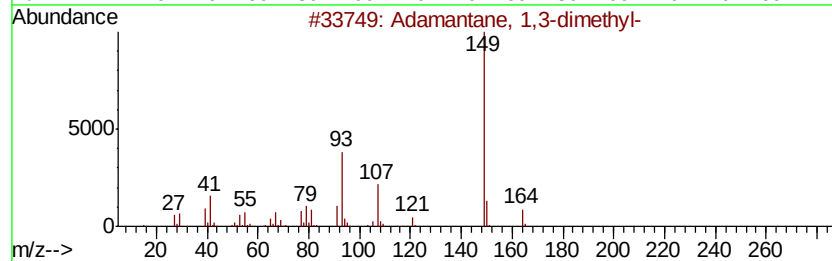
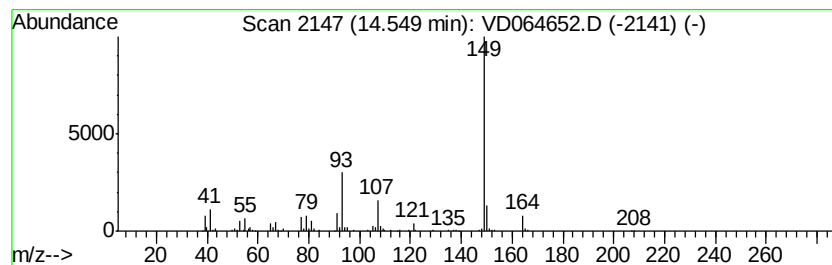
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Adamantane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	15.20 ug/l	287360	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	70
2	Tricyclo[4.3.1.1(3,8)]undecane, ...	184 C11H17Cl	027011-46-7	56
3	Phthalic acid, nonyl tridec-2-yn...	470 C30H46O4	1000315-44-2	50
4	Phthalic acid, decyl 2,7-dimethyl...	440 C28H40O4	1000315-49-5	42
5	Pyridinium, 1-(acetylamino)-2,6-...	164 C9H12N2O	031020-35-6	42



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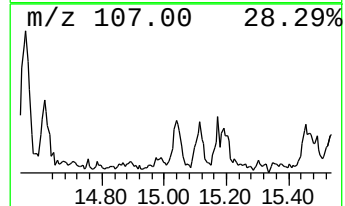
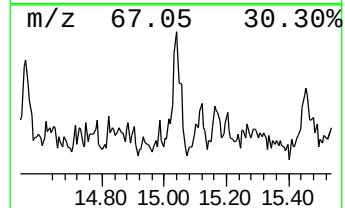
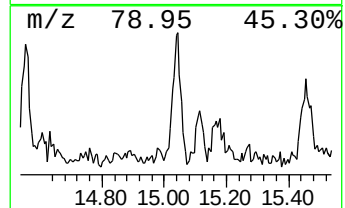
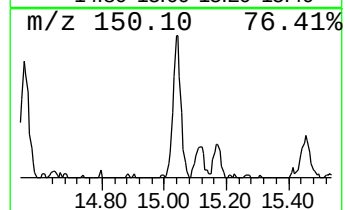
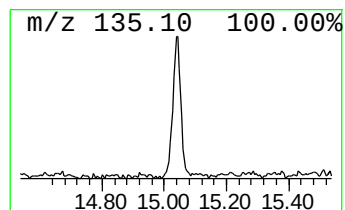
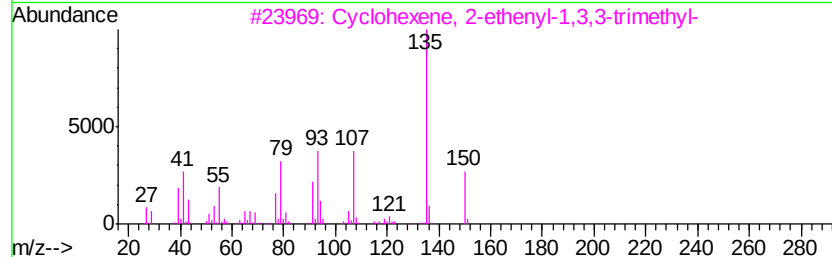
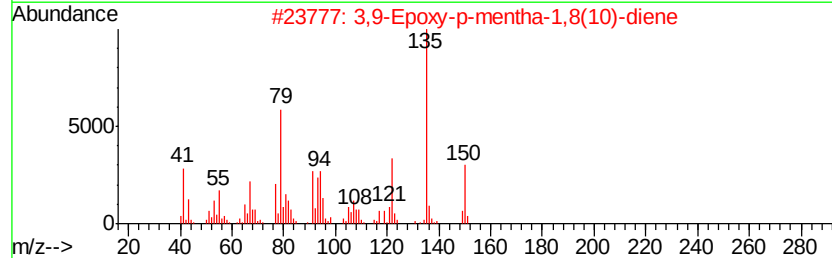
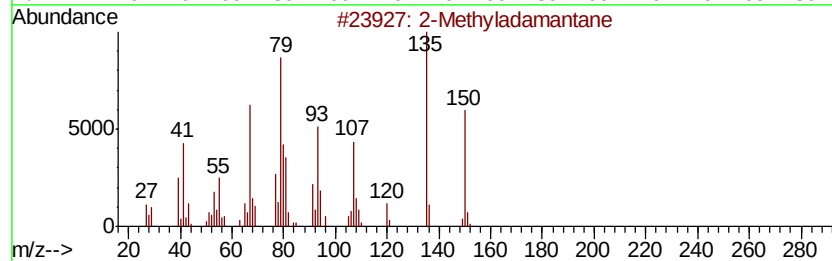
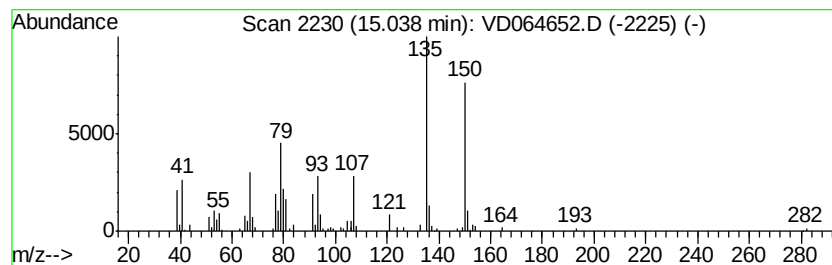
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Methyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	7.06 ug/l	133528	1,4-Dichlorobenzene-d4	13.58

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	91
2	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	74
3	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	72
4	p-Cymen-7-ol	150	C10H14O	000536-60-7	64
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	58



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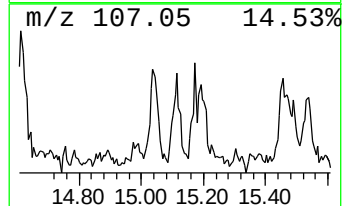
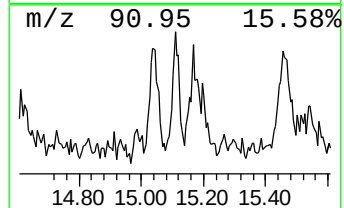
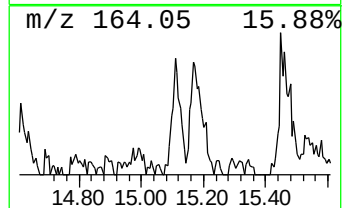
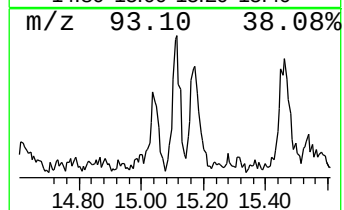
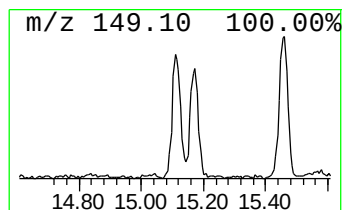
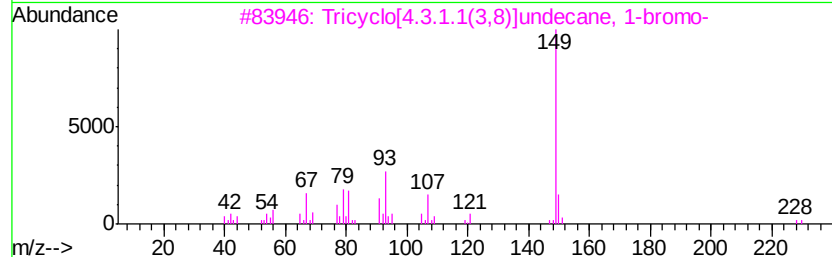
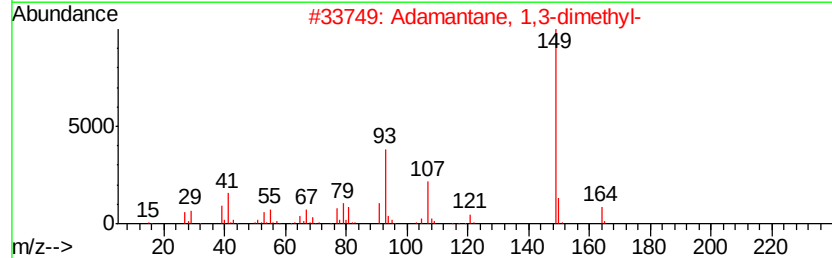
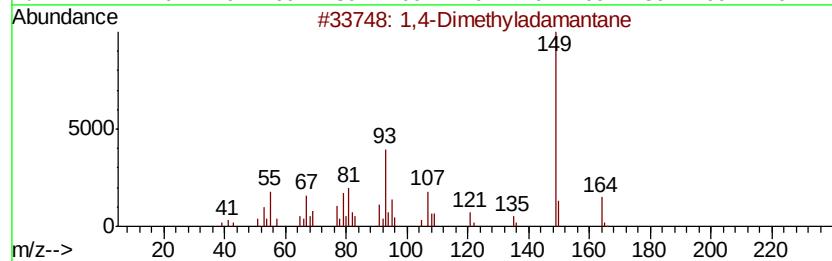
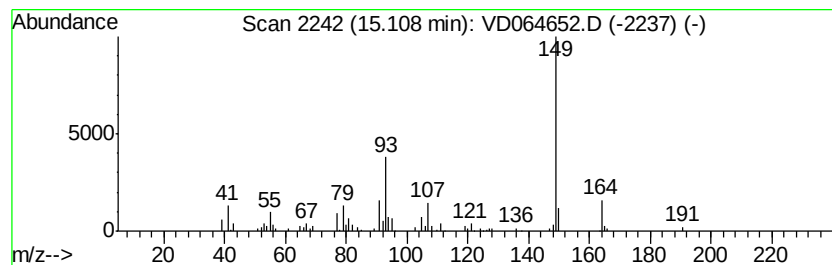
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,4-Dimethyladamantane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	5.09 ug/l	96135	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyladamantane	164	C12H20	024145-88-8	64
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	64
3		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	59
4		1,4-Dimethyladamantane	164	C12H20	024145-89-9	50
5		Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064652.D
Acq On : 27 Dec 2019 18:43
Operator : VA/SY
Sample : K6450-01
Misc : 9.1G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-30-32

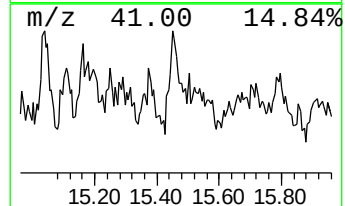
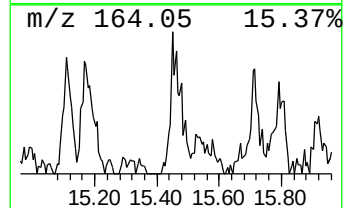
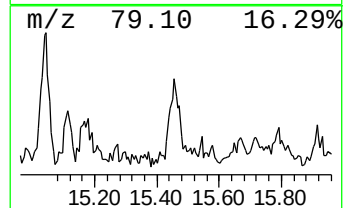
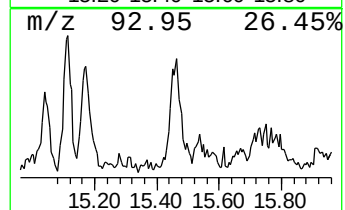
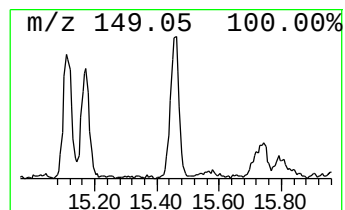
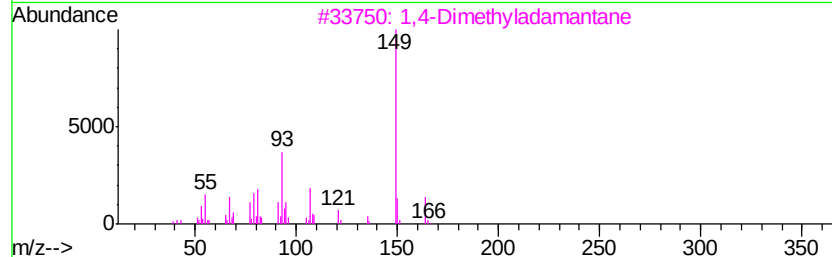
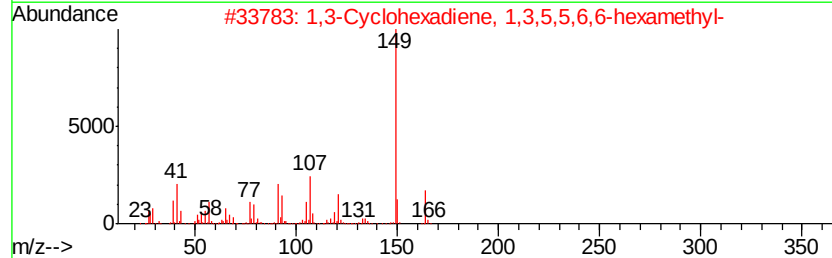
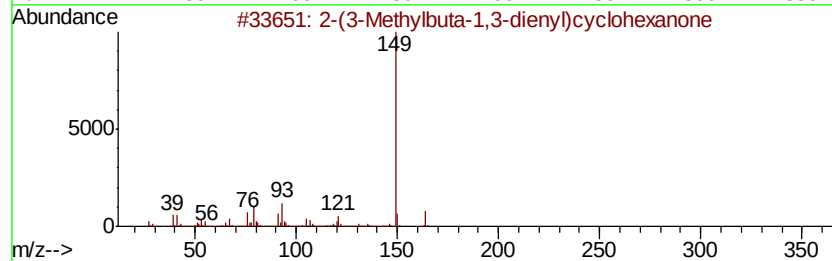
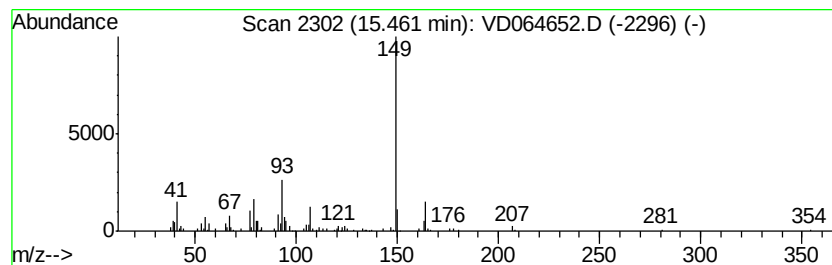
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-(3-Methylbuta-1,3-dienyl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	8.01 ug/l	151422	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	64
2		1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	58
3		1,4-Dimethyladamantane	164	C12H20	024145-89-9	55
4		1,4-Dimethyladamantane	164	C12H20	024145-88-8	55
5		Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064652.D
Acq On : 27 Dec 2019 18:43
Operator : VA/SY
Sample : K6450-01
Misc : 9.1G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-30-32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Adamantane	14.29	10.8	ug/l	204602	4	13.58	945032	50.0
Heptafluorobutano...	14.44	33.8	ug/l	639008	4	13.58	945032	50.0
Adamantane, 1,3-d...	14.55	15.2	ug/l	287360	4	13.58	945032	50.0
2-Methyladamantane	15.04	7.1	ug/l	133528	4	13.58	945032	50.0
1,4-Dimethyladama...	15.11	5.1	ug/l	96135	4	13.58	945032	50.0
2-(3-Methylbuta-1...	15.46	8.0	ug/l	151422	4	13.58	945032	50.0