

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071614.D
 Acq On : 05 Jan 2022 15:14
 Operator : VA/SY
 Sample : M5330-01
 Misc : 6.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-24-(10-15)-12-29-21

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

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Title : SW846 8260

Signal : TIC: VD071614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.162	367	381	393	rBV2	33853	99169	6.53%	0.999%
2	4.956	509	516	517	rBV3	12960	18626	1.23%	0.188%
3	4.973	517	519	527	rVB3	12056	20309	1.34%	0.205%
4	7.214	891	900	905	rBV2	14737	35646	2.35%	0.359%
5	7.914	1008	1019	1024	rBV	217195	514076	33.83%	5.177%
6	7.979	1024	1030	1040	rVB	351916	795871	52.37%	8.015%
7	8.332	1080	1090	1099	rBV	227155	514410	33.85%	5.181%
8	8.861	1170	1180	1192	rBV	544207	1110618	73.08%	11.185%
9	9.308	1249	1256	1260	rBV5	8644	20285	1.33%	0.204%
10	10.338	1422	1431	1441	rBV	836973	1519793	100.00%	15.306%
11	11.244	1578	1585	1589	rBV5	10939	20457	1.35%	0.206%
12	11.638	1643	1652	1662	rBV	710909	1280631	84.26%	12.897%
13	11.832	1680	1685	1691	rBV8	15208	31134	2.05%	0.314%
14	11.985	1704	1711	1717	rBV9	10544	25896	1.70%	0.261%
15	12.132	1731	1736	1738	rBV6	15439	23946	1.58%	0.241%
16	12.367	1767	1776	1783	rBV7	28188	83246	5.48%	0.838%
17	12.461	1783	1792	1800	rVV10	21575	58460	3.85%	0.589%
18	12.626	1813	1820	1826	rBV	551981	925961	60.93%	9.326%
19	12.720	1826	1836	1837	rBV10	14762	37894	2.49%	0.382%
20	12.785	1844	1847	1854	rVB4	67070	119992	7.90%	1.208%
21	12.873	1854	1862	1866	rBV10	26140	64185	4.22%	0.646%
22	12.979	1869	1880	1885	rBV10	44785	141185	9.29%	1.422%
23	13.273	1926	1930	1932	rBV5	30934	46057	3.03%	0.464%
24	13.567	1973	1980	1987	rBV	516949	880842	57.96%	8.871%
25	13.637	1987	1992	1993	rBV5	27280	40974	2.70%	0.413%
26	13.708	2000	2004	2009	rVB4	89124	144291	9.49%	1.453%
27	13.755	2009	2012	2014	rBV4	19380	25984	1.71%	0.262%
28	13.879	2030	2033	2040	rVB8	89568	151788	9.99%	1.529%
29	14.267	2096	2099	2107	rVB7	61116	113002	7.44%	1.138%
30	14.332	2108	2110	2115	rBV6	37497	54921	3.61%	0.553%
31	14.390	2116	2120	2123	rBV4	110654	183472	12.07%	1.848%
32	14.532	2141	2144	2145	rBV	56277	59324	3.90%	0.597%
33	15.143	2244	2248	2250	rBV3	98160	158063	10.40%	1.592%
34	15.432	2291	2297	2298	rBV3	141773	228720	15.05%	2.303%
35	16.673	2503	2508	2515	rVB3	190240	380090	25.01%	3.828%

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Instrument :
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ClientSampleId :
DB-24-(10-15)-12-29-21

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

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Title : SW846 8260

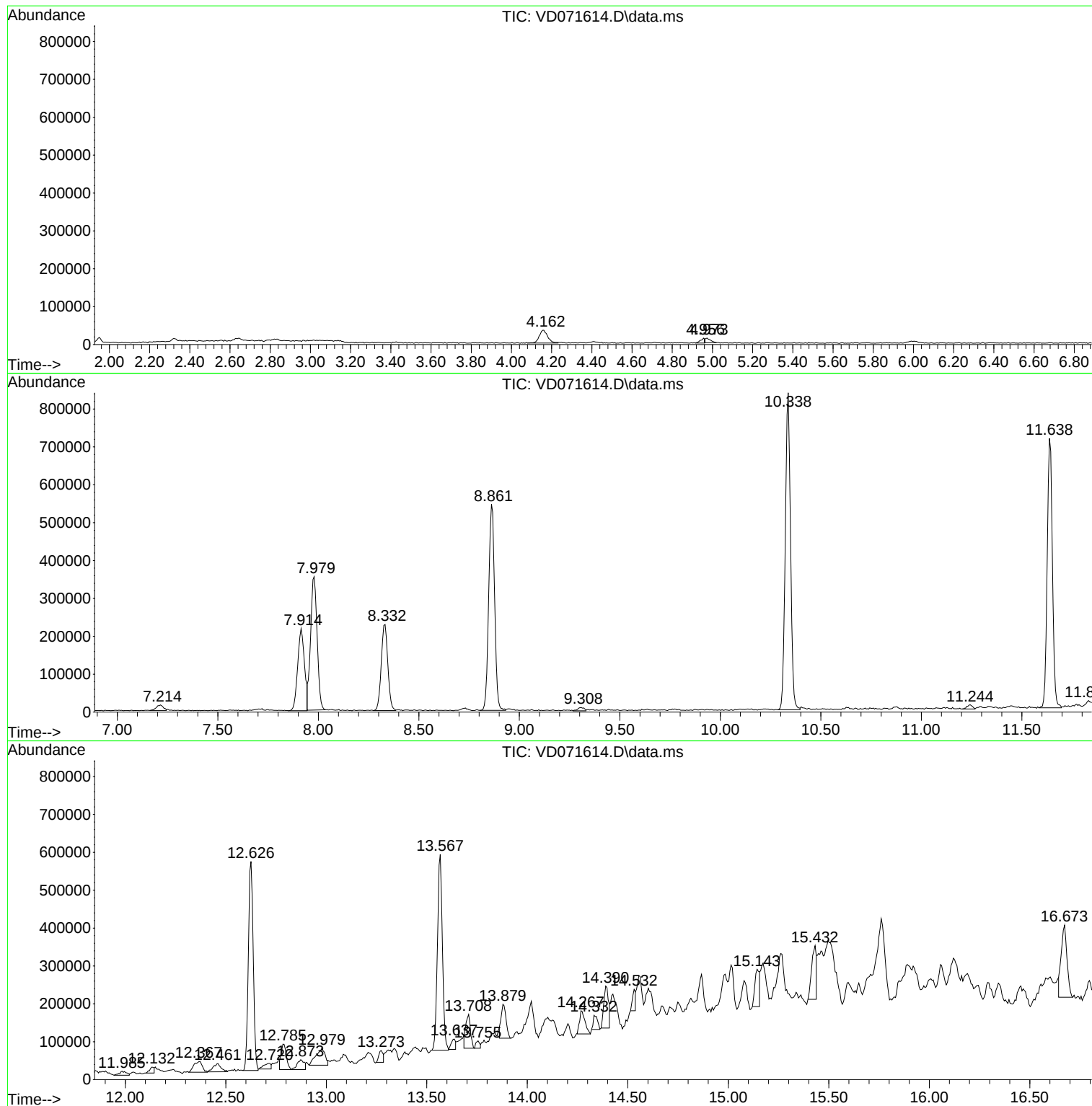
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

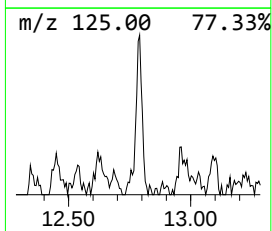
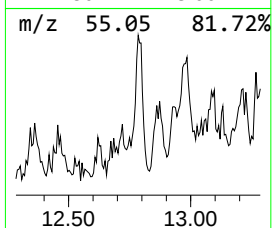
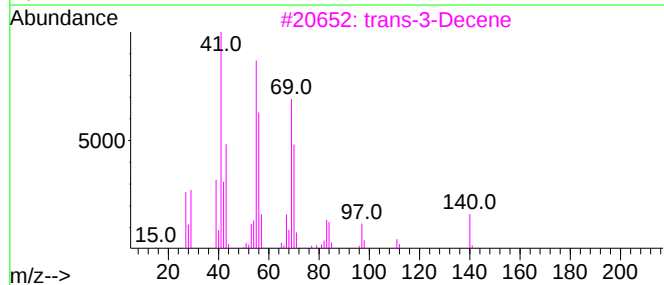
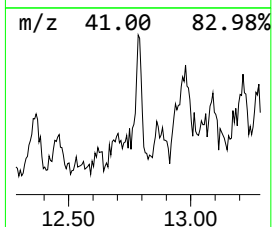
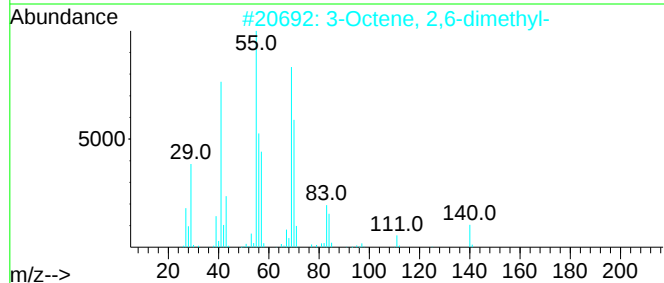
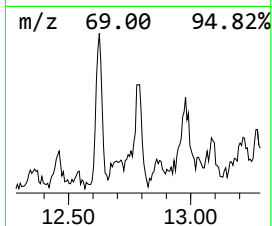
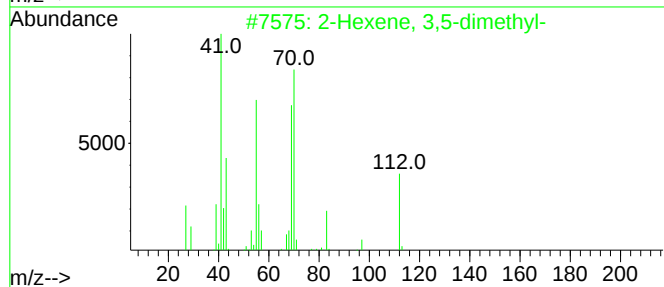
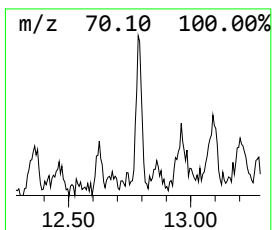
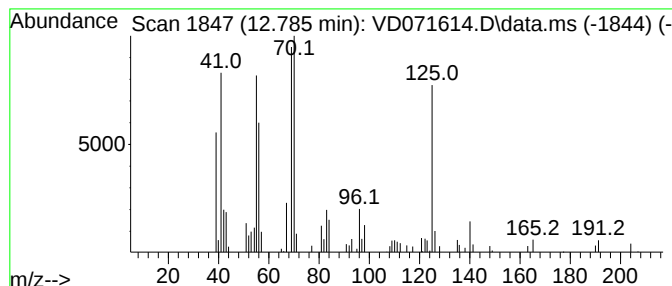
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Hexene, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	6.81 ug/l	119992	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,5-dimethyl-			112	C8H16	003404-79-3	55
2	3-Octene, 2,6-dimethyl-			140	C10H20	006874-28-8	55
3	trans-3-Decene			140	C10H20	019150-21-1	49
4	3-Decene			140	C10H20	019398-37-9	46
5	Cyclopentane, 1,3-dimethyl-			98	C7H14	002453-00-1	42



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

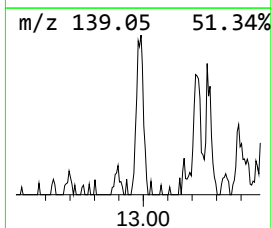
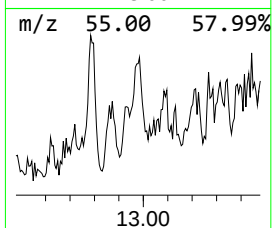
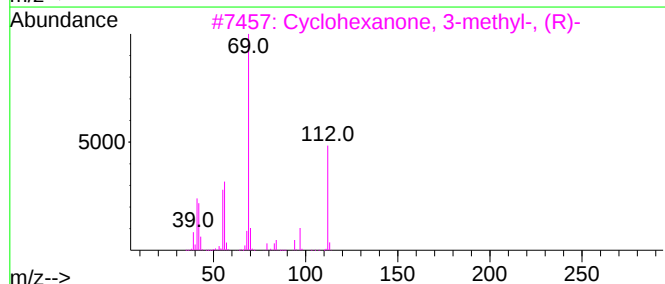
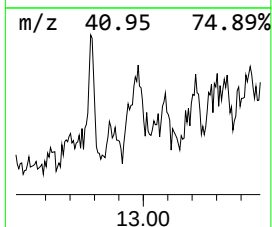
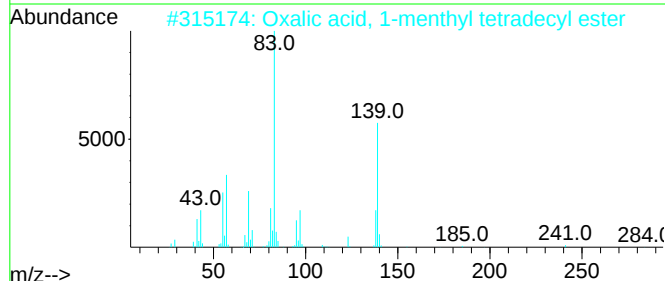
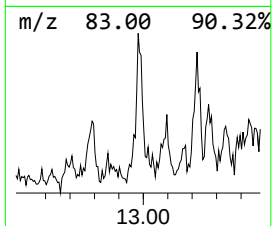
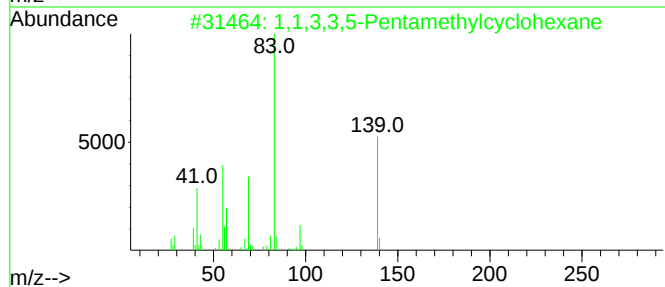
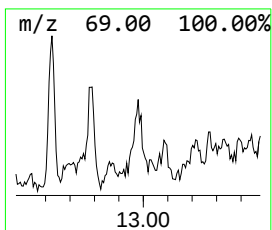
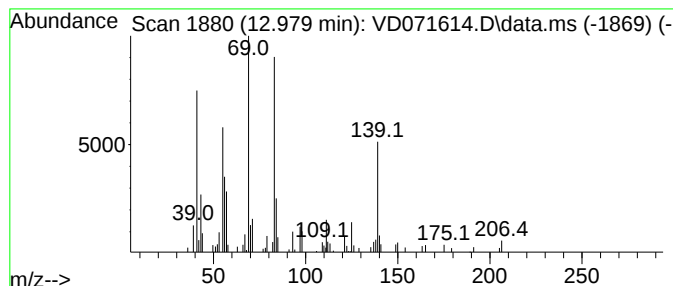
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.979 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	8.01 ug/l	141185	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	43
2			Oxalic acid, 1-menthyl tetradecy...	424	C26H48O4	1000314-98-1	38
3			Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	30
4			2-Hexene, 2-methyl-	98	C7H14	002738-19-4	27
5			2-Pentene, 4-methyl-	84	C6H12	004461-48-7	25



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Sample : M5330-01
Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

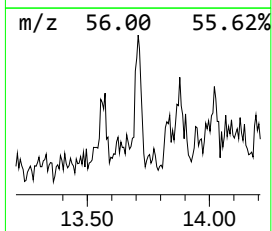
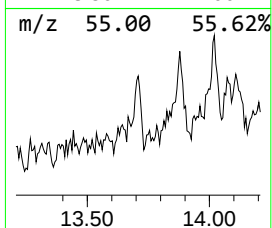
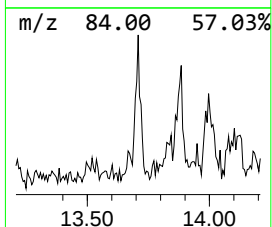
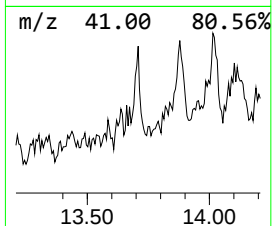
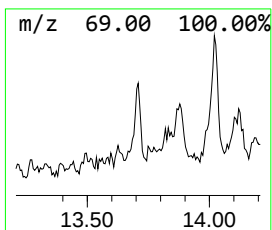
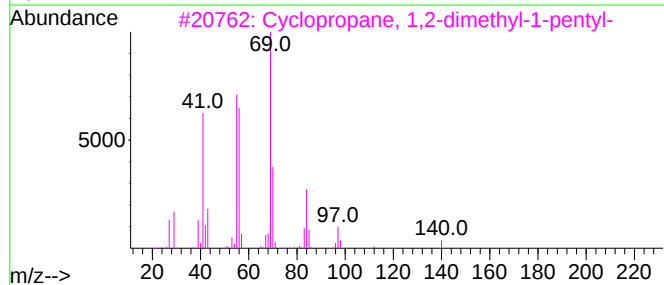
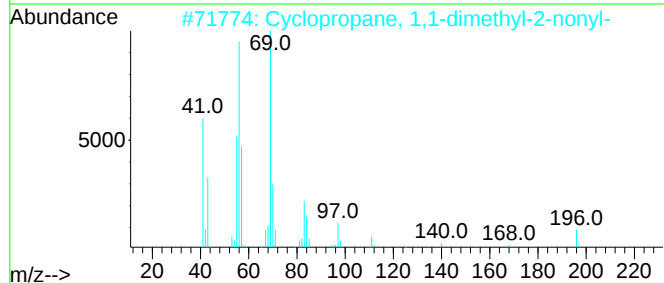
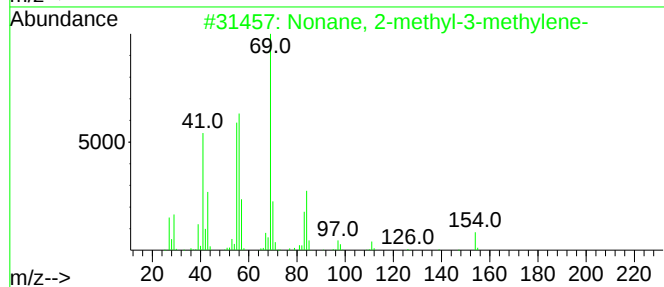
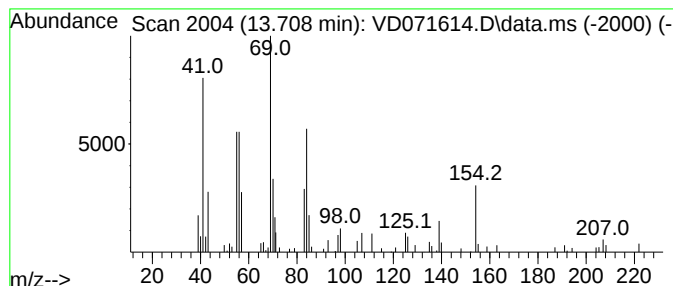
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 2-methyl-3-methylene- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.708	8.19 ug/l	144291	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	64
2			Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	50
3			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46
4			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	43
5			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	38



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Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

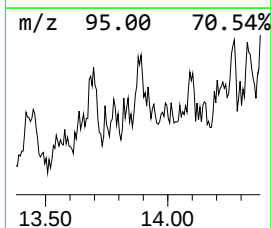
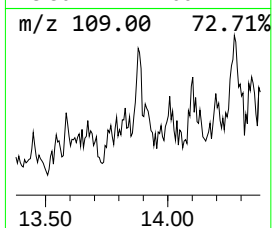
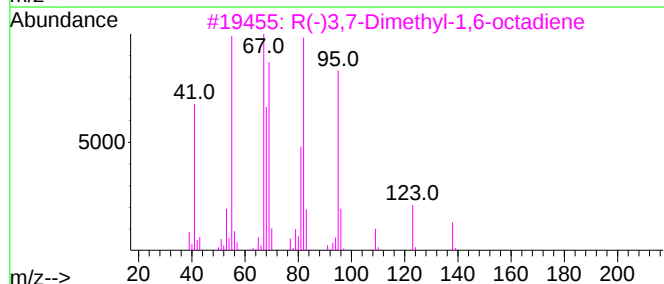
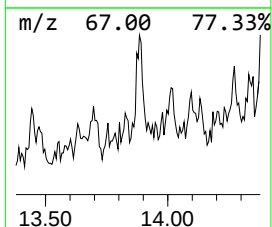
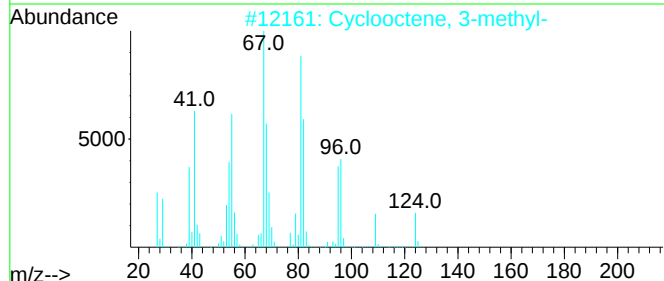
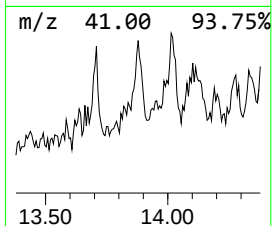
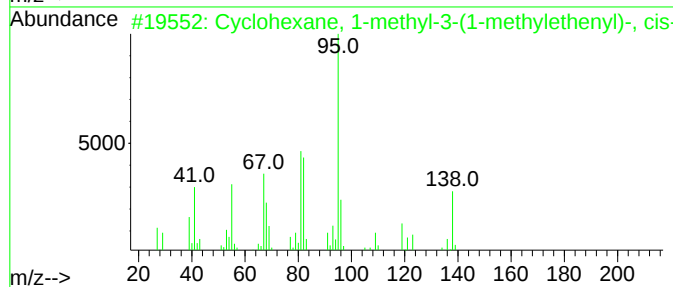
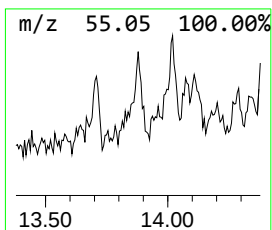
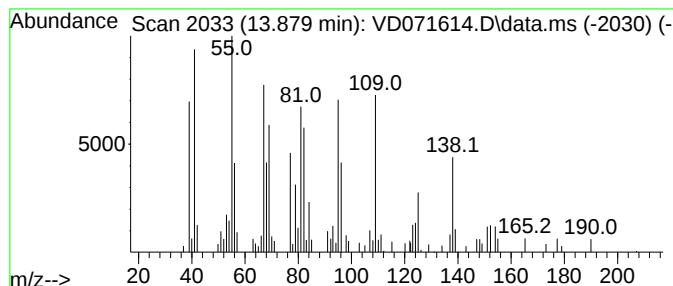
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	8.62 ug/l	151788	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	91
2			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	55
3			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	52
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	49
5			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	49



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Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

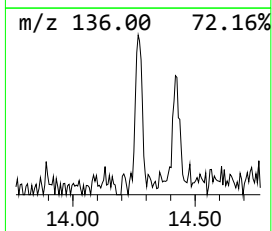
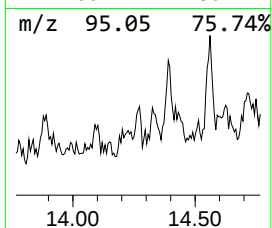
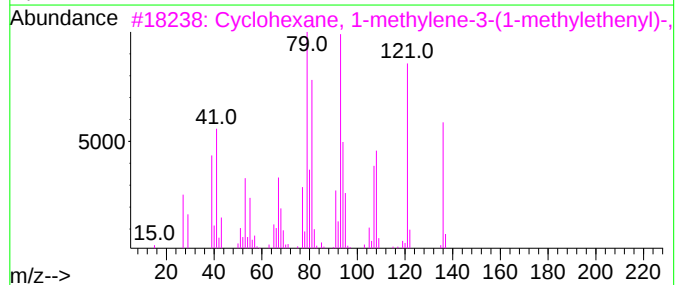
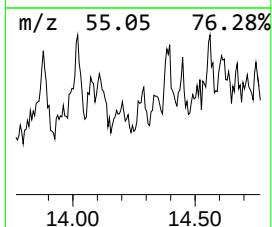
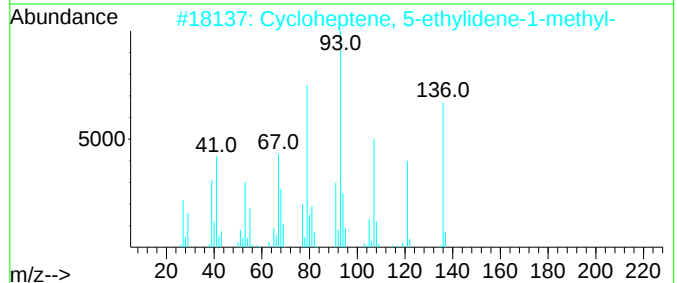
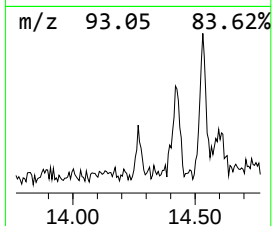
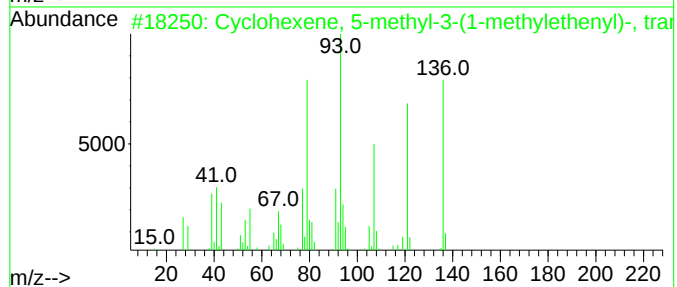
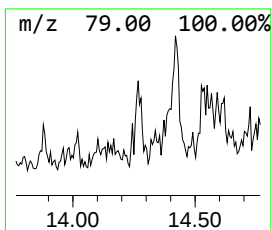
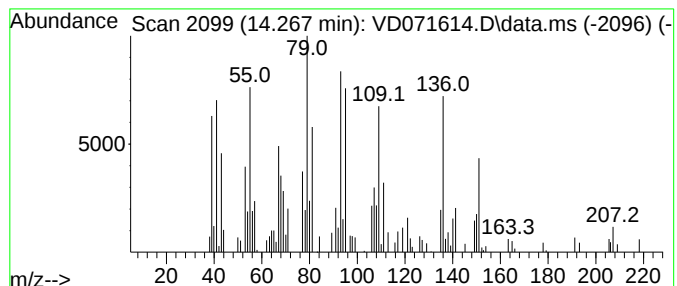
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.267 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.267	6.41 ug/l	113002	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	38
2			Cycloheptene, 5-ethylidene-1-met...	136	C10H16	015402-94-5	38
3			Cyclohexane, 1-methylene-3-(1-me...	136	C10H16	013837-95-1	30
4			2-Methyl-1,5-heptadiene (c,t)	110	C8H14	006766-54-7	30
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	006876-12-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071614.D
Acq On : 05 Jan 2022 15:14
Operator : VA/SY
Sample : M5330-01
Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

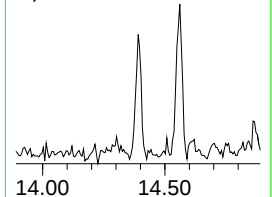
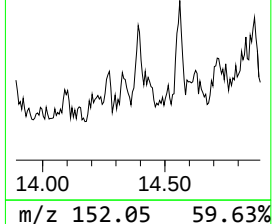
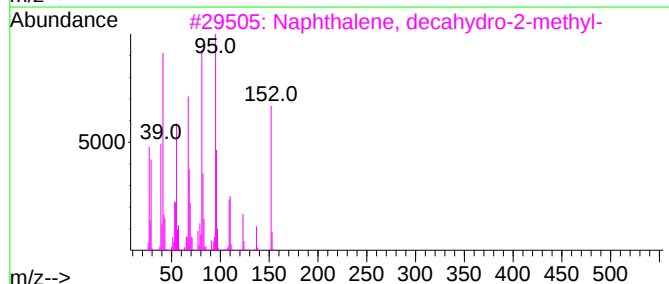
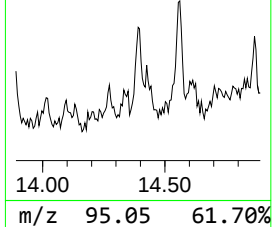
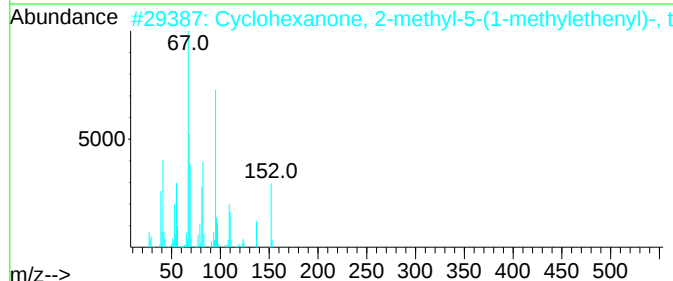
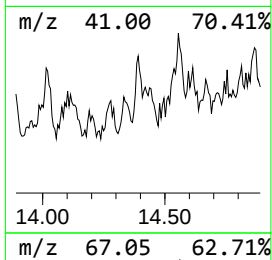
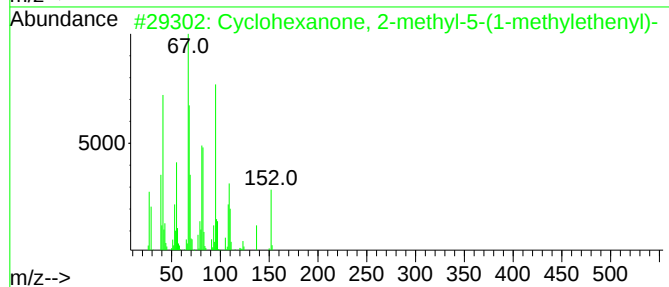
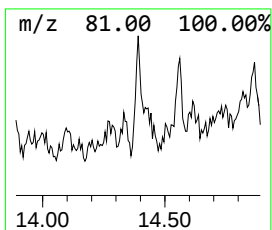
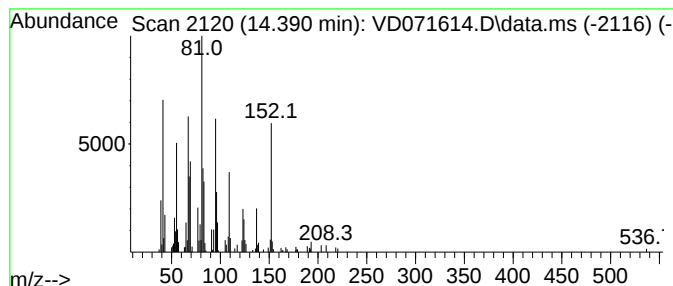
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexanone, 2-methyl-5-(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	10.41 ug/l	183472	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	83
2			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
5			Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071614.D
Acq On : 05 Jan 2022 15:14
Operator : VA/SY
Sample : M5330-01
Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

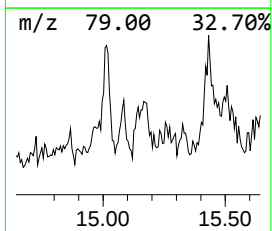
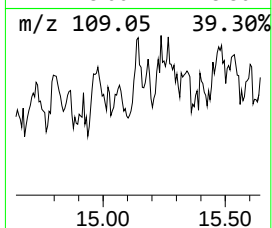
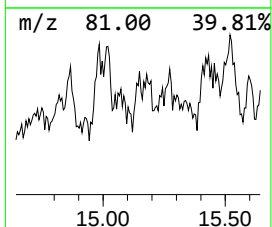
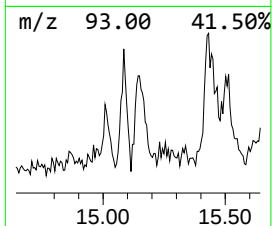
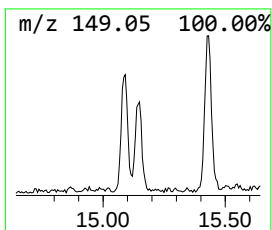
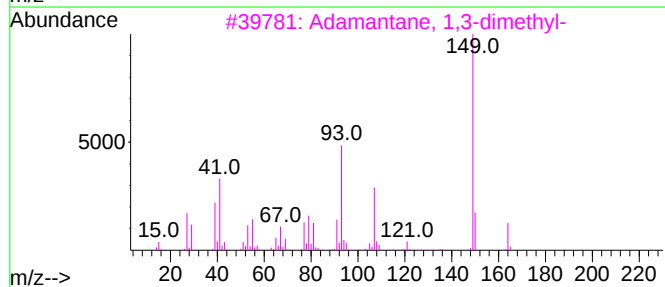
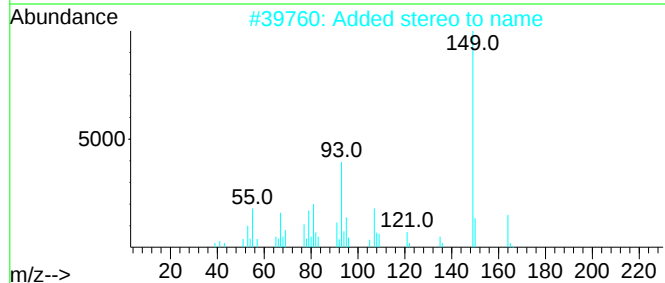
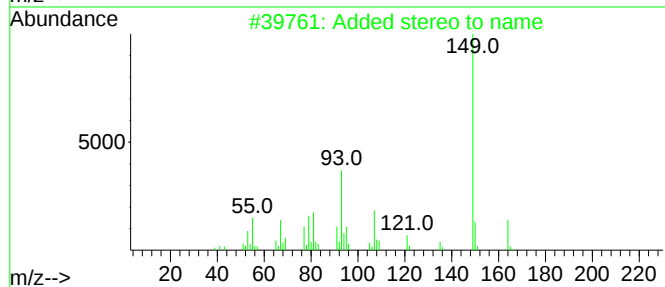
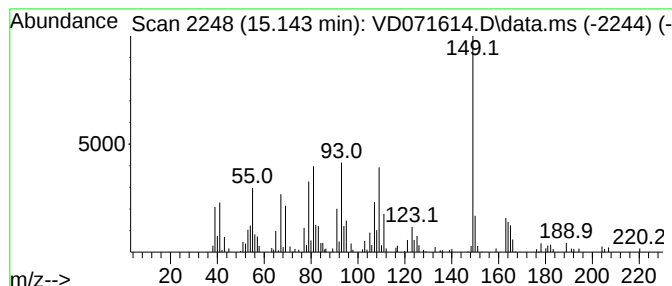
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Adamantane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.143	8.97 ug/l	158063	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-89-9	64
2	Added stereo to name			164	C12H20	024145-88-8	64
3	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	58
4	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	52
5	Adamantane, 1-isothiocyanato-3-m...			207	C12H17NS	136860-48-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071614.D
Acq On : 05 Jan 2022 15:14
Operator : VA/SY
Sample : M5330-01
Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

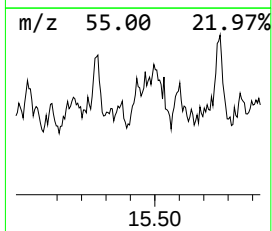
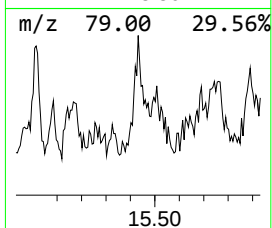
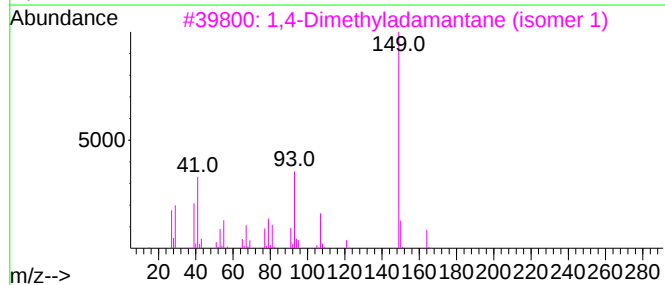
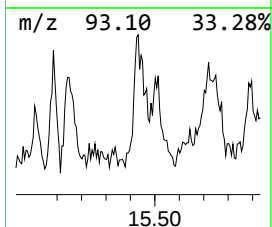
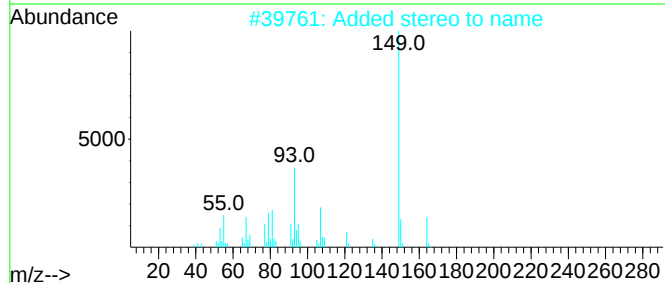
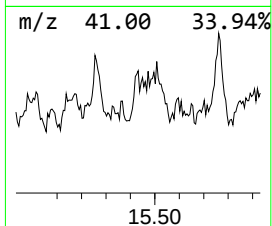
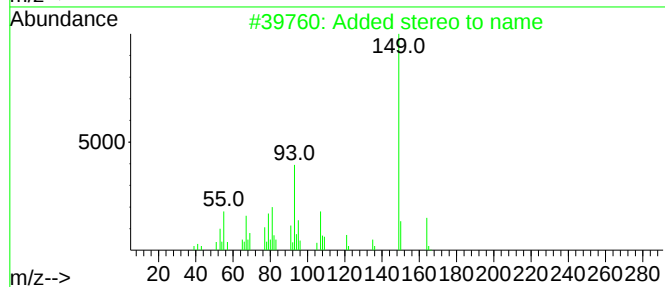
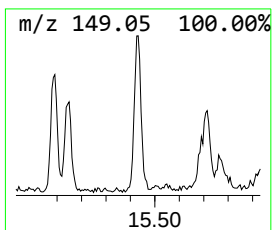
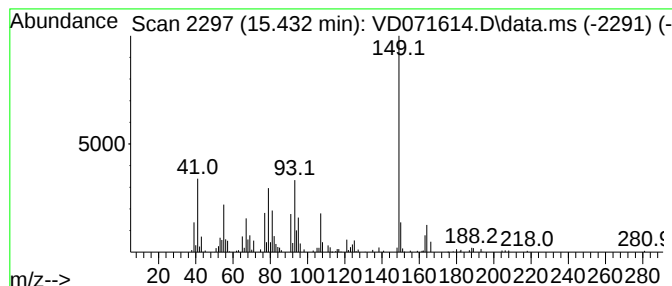
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,4-Dimethyladamantane (iso... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	12.98 ug/l	228720	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-88-8	87
2	Added stereo to name			164	C12H20	024145-89-9	87
3	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	80
4	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	64
5	Tricyclo[4.3.1.1(3,8)]undecane, ...			228	C11H17Br	021898-96-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071614.D
Acq On : 05 Jan 2022 15:14
Operator : VA/SY
Sample : M5330-01
Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

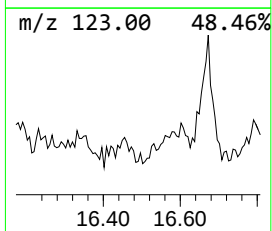
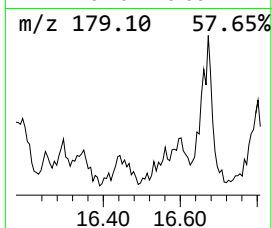
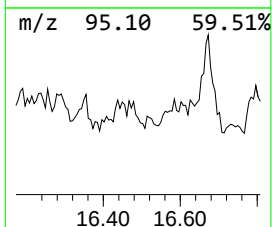
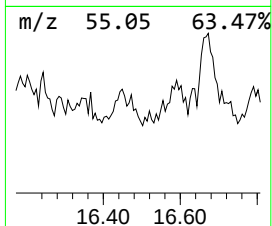
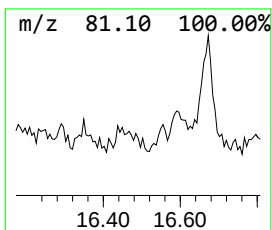
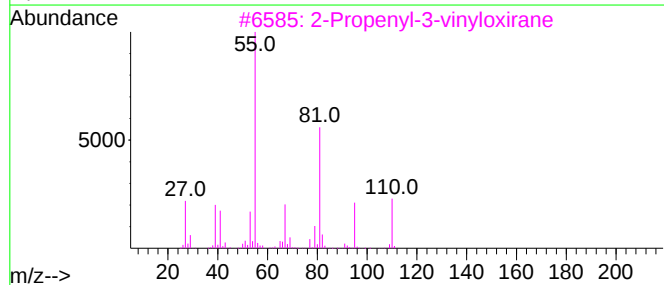
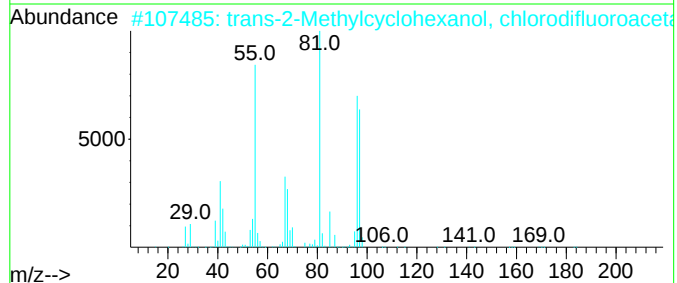
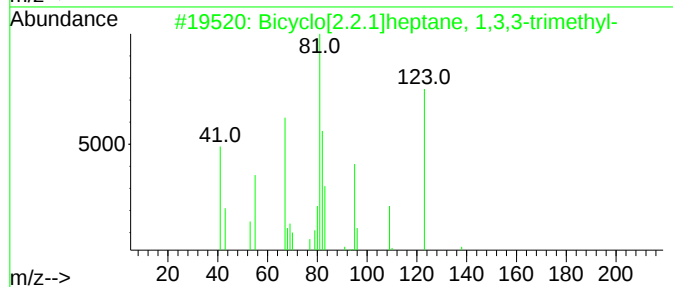
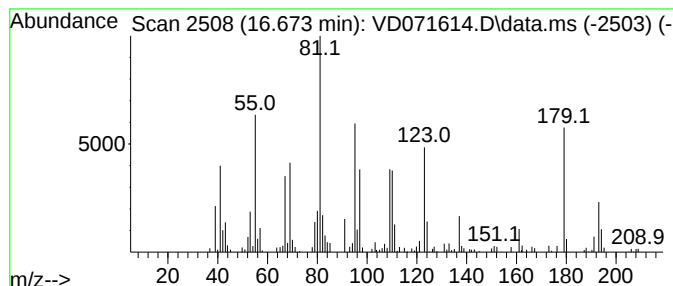
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown16.673 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.673	21.58 ug/l	380090	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	35
2			trans-2-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1010376-26-0	22
3			2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	22
4			4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	22
5			2-Fluoro-7-hydroxybicyclo[2.2.1]...	130	C7H11FO	1000283-71-9	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071614.D
Acq On : 05 Jan 2022 15:14
Operator : VA/SY
Sample : M5330-01
Misc : 6.95G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Hexene, 3,5-d...	12.785	6.8	ug/l	119992	4	13.567	880842	50.0
unknown12.979	12.979	8.0	ug/l	141185	4	13.567	880842	50.0
Nonane, 2-methy...	13.708	8.2	ug/l	144291	4	13.567	880842	50.0
Cyclohexane, 1-...	13.879	8.6	ug/l	151788	4	13.567	880842	50.0
unknown14.267	14.267	6.4	ug/l	113002	4	13.567	880842	50.0
Cyclohexanone, ...	14.390	10.4	ug/l	183472	4	13.567	880842	50.0
Adamantane, 1,3...	15.143	9.0	ug/l	158063	4	13.567	880842	50.0
1,4-Dimethylada...	15.432	13.0	ug/l	228720	4	13.567	880842	50.0
unknown16.673	16.673	21.6	ug/l	380090	4	13.567	880842	50.0