

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068857.D
 Acq On : 15 Apr 2021 15:43
 Operator : VA/SY
 Sample : M2042-06
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(61-62)

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\82D040721S.M
 Title : SW846 8260

Signal : TIC: VD068857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.914	1009	1019	1024	rBV	228047	552171	11.39%	2.878%
2	7.979	1024	1030	1042	rVB	400390	901958	18.61%	4.701%
3	8.332	1080	1090	1102	rBV	187226	409955	8.46%	2.137%
4	8.867	1171	1181	1193	rBV	594518	1190758	24.56%	6.207%
5	10.338	1423	1431	1449	rVB	979263	1784712	36.81%	9.302%
6	11.461	1609	1622	1625	rBV	18852	62114	1.28%	0.324%
7	11.544	1628	1636	1637	rBV2	27220	57381	1.18%	0.299%
8	11.644	1646	1653	1666	rVB	1052483	1932685	39.87%	10.074%
9	12.632	1800	1821	1844	rVV3	1584447	4847846	100.00%	25.268%
10	12.791	1845	1848	1857	rVB3	35893	95465	1.97%	0.498%
11	12.955	1864	1876	1880	rBV10	56010	164699	3.40%	0.858%
12	13.096	1896	1900	1904	rBV5	27051	50405	1.04%	0.263%
13	13.179	1910	1914	1918	rBV	69678	98663	2.04%	0.514%
14	13.267	1918	1929	1940	rVB3	192620	604412	12.47%	3.150%
15	13.367	1941	1946	1947	rBV2	47875	73367	1.51%	0.382%
16	13.455	1954	1961	1966	rVB2	188413	336372	6.94%	1.753%
17	13.573	1972	1981	1989	rVB	1107096	1885758	38.90%	9.829%
18	13.732	2002	2008	2014	rBV	239302	398559	8.22%	2.077%
19	13.808	2015	2021	2031	rBV4	228681	665024	13.72%	3.466%
20	13.896	2033	2036	2039	rVB4	82727	110542	2.28%	0.576%
21	14.032	2054	2059	2060	rBV	133874	191659	3.95%	0.999%
22	14.114	2067	2073	2077	rBV	290958	497299	10.26%	2.592%
23	14.149	2077	2079	2086	rVB3	111618	185536	3.83%	0.967%
24	14.249	2092	2096	2100	rBV	125526	189654	3.91%	0.989%
25	14.361	2109	2115	2117	rBV5	68524	124789	2.57%	0.650%
26	14.402	2119	2122	2124	rVV4	94441	144107	2.97%	0.751%
27	14.438	2124	2128	2132	rVV	161296	266510	5.50%	1.389%
28	14.479	2132	2135	2138	rVB	44593	57330	1.18%	0.299%
29	14.573	2147	2151	2154	rVB3	54918	69649	1.44%	0.363%
30	14.726	2171	2177	2180	rBV5	32259	70417	1.45%	0.367%
31	14.814	2187	2192	2196	rBV	95682	177856	3.67%	0.927%
32	14.861	2196	2200	2209	rVB5	91149	211945	4.37%	1.105%
33	15.143	2235	2248	2262	rVB3	94362	347556	7.17%	1.812%
34	16.696	2503	2512	2523	rVB	186151	428464	8.84%	2.233%

Sum of corrected areas: 19185617

Instrument :

MSVOA_D

ClientSampleId :

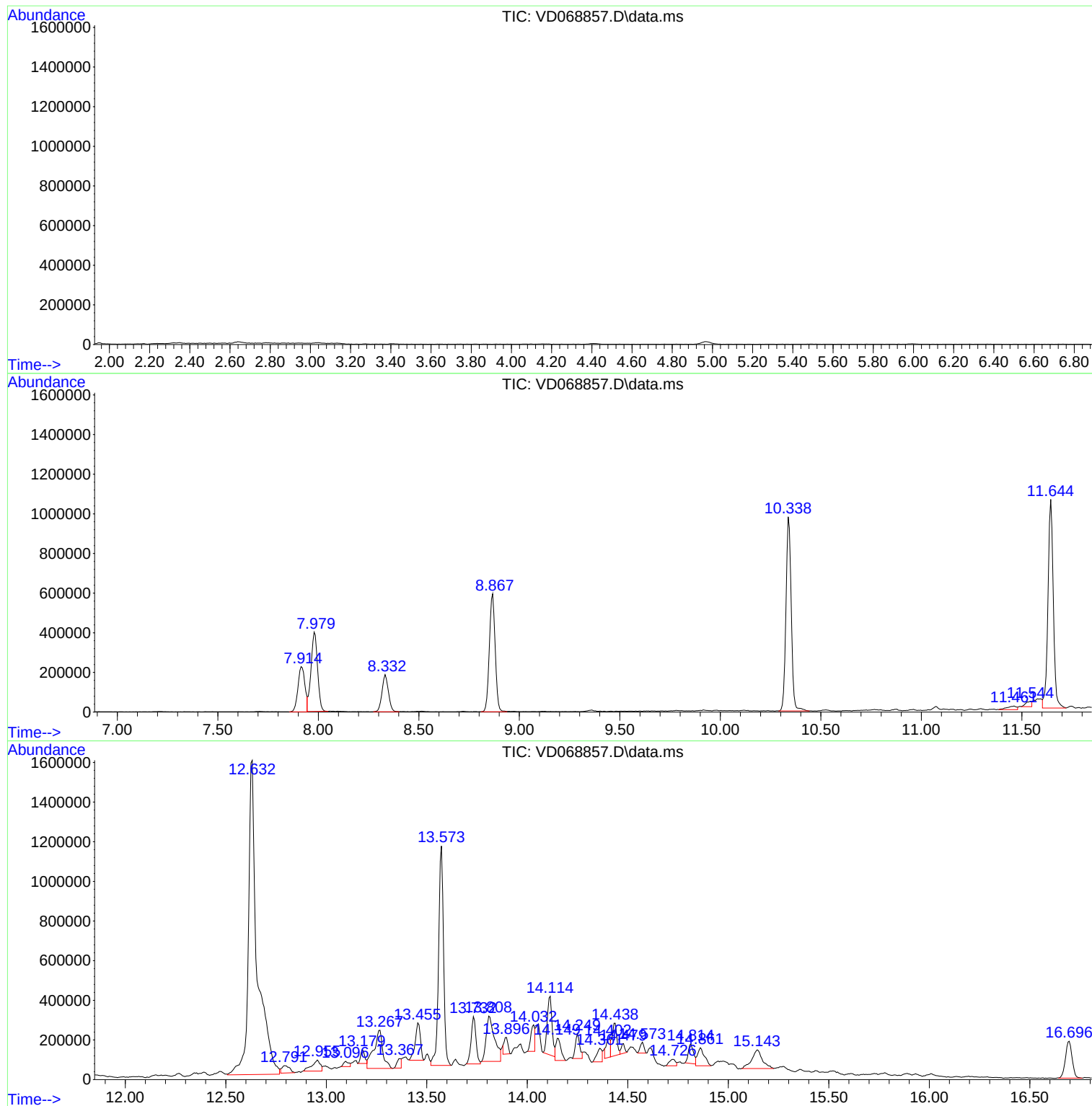
FS-SB12A(61-62)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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



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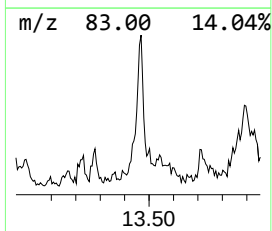
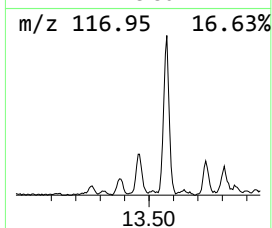
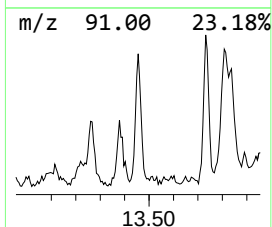
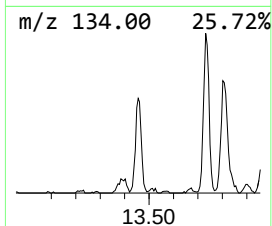
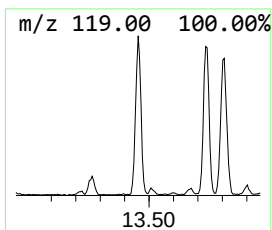
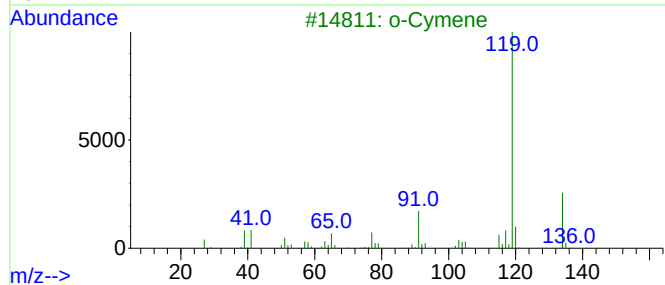
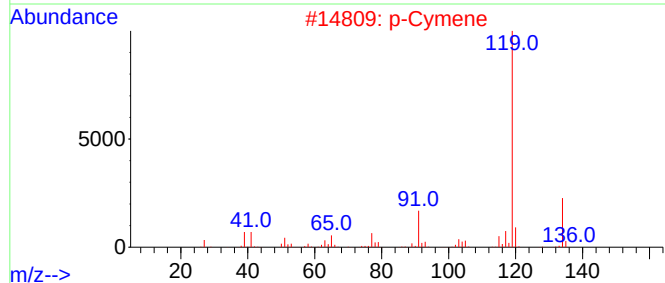
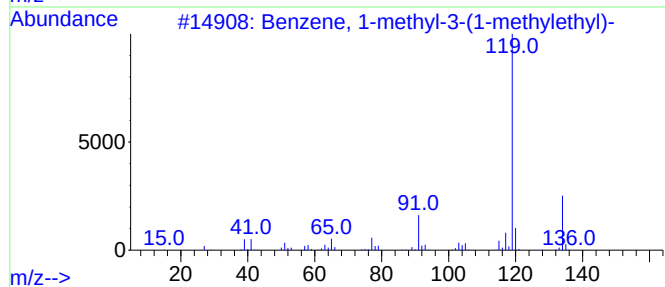
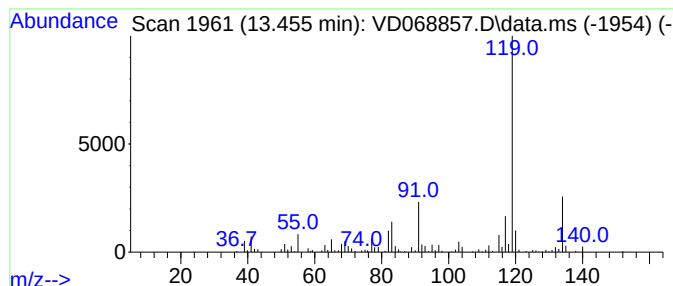
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	8.92 ug/l	336372	1,4-Dichlorobenzene-d4	13.573

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		p-Cymene	134	C10H14	000099-87-6	93
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	74



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ClientSampleId :
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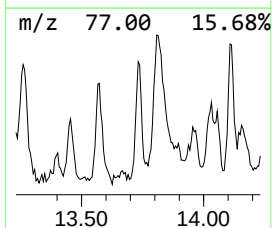
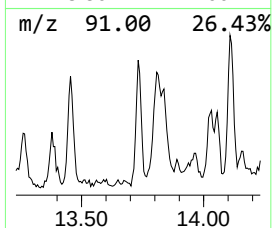
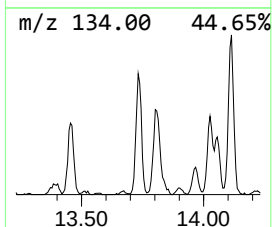
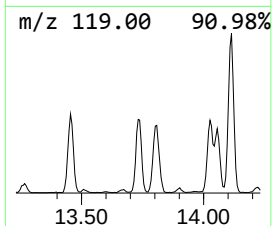
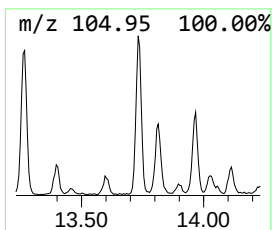
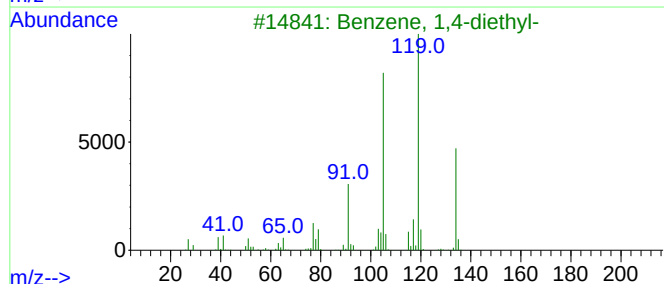
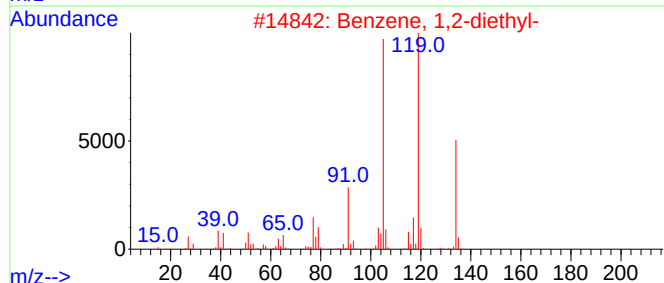
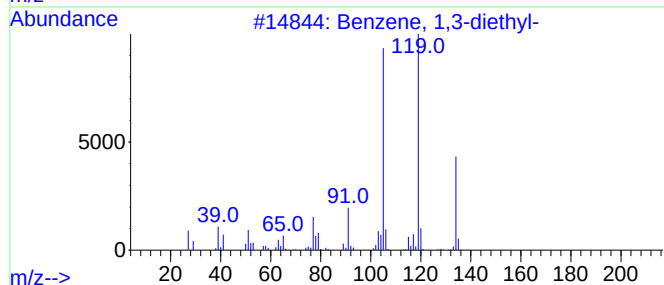
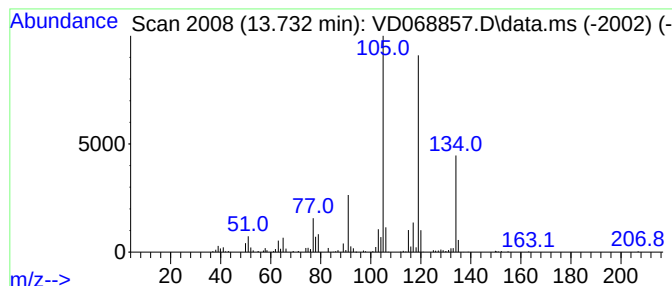
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.732	10.57 ug/l	398559	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



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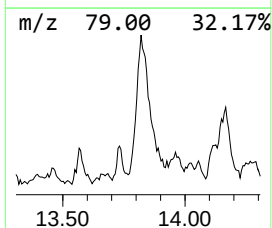
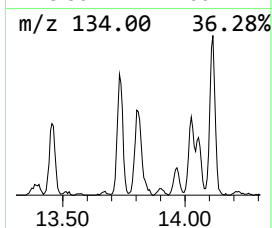
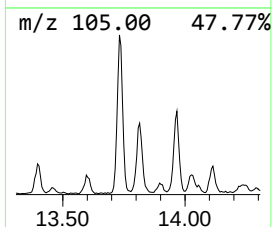
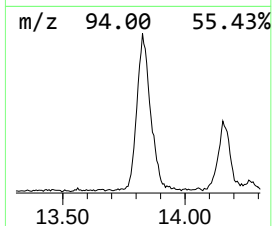
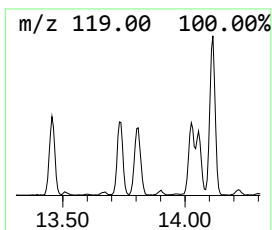
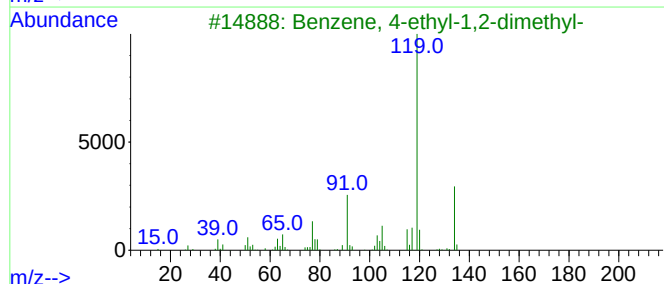
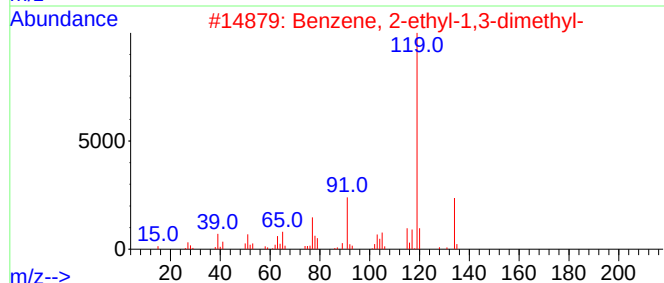
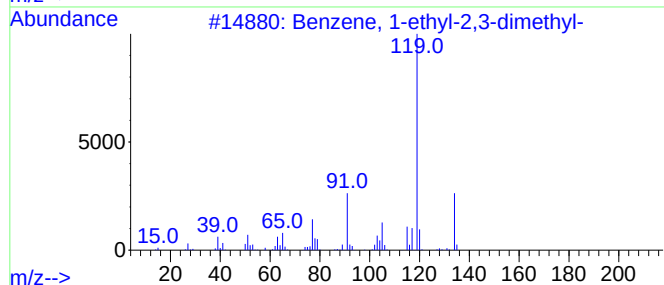
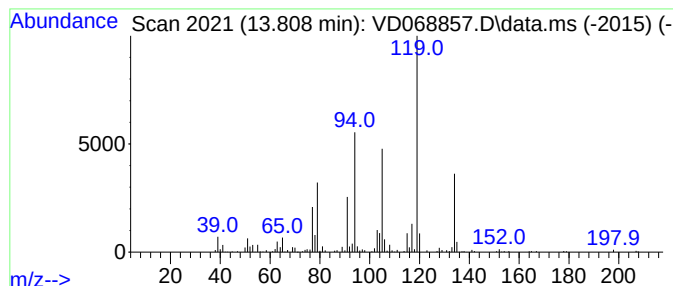
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.808	17.63 ug/l	665024	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4			p-Cymene	134	C10H14	000099-87-6	64
5			o-Cymene	134	C10H14	000527-84-4	60



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ALS Vial : 12 Sample Multiplier: 1

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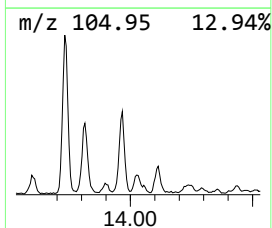
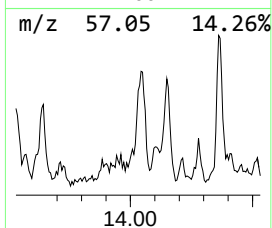
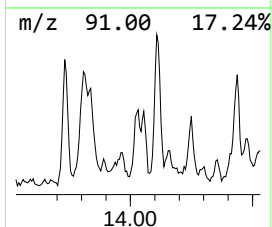
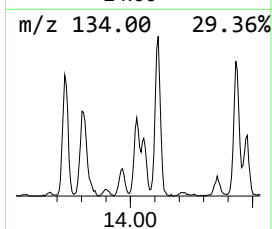
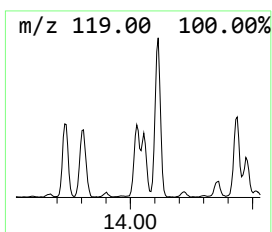
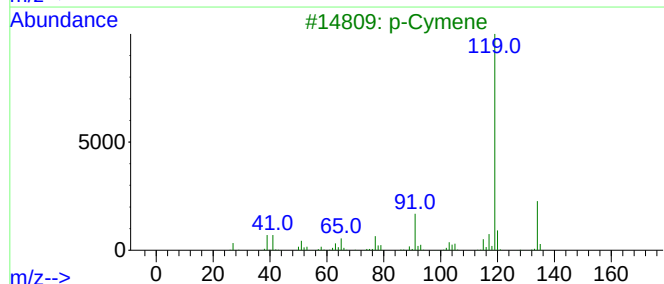
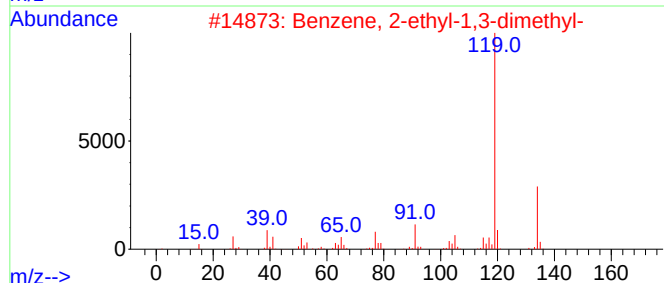
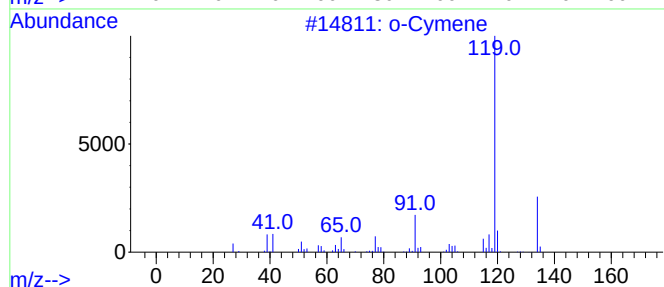
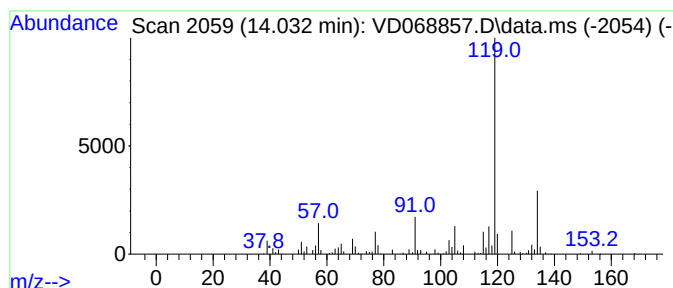
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.032	5.08 ug/l	191659	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3			p-Cymene	134	C10H14	000099-87-6	93
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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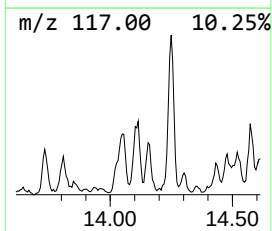
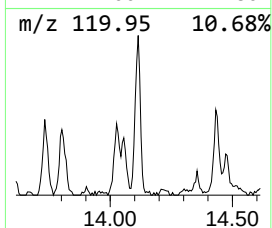
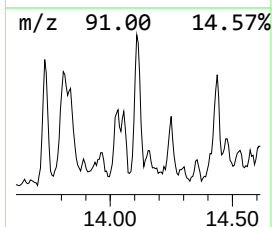
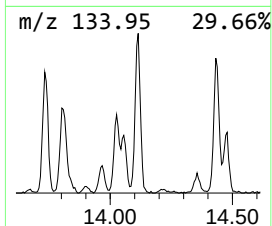
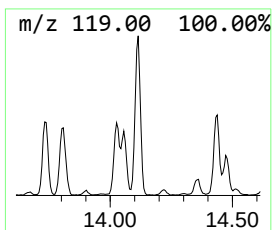
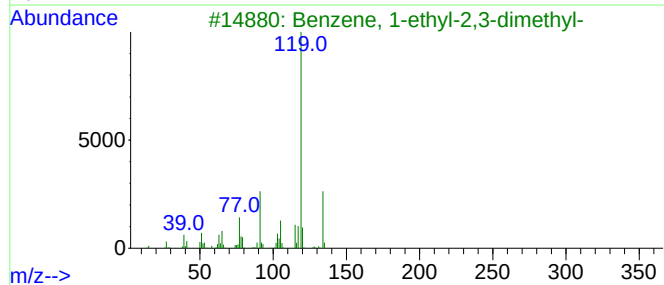
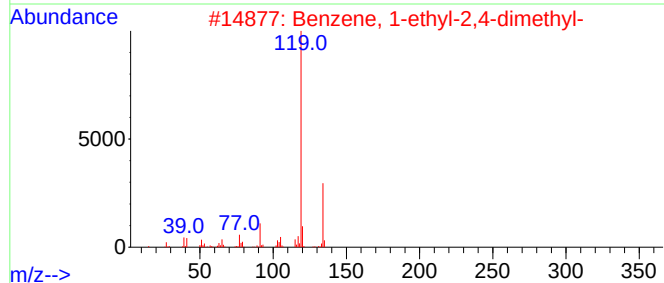
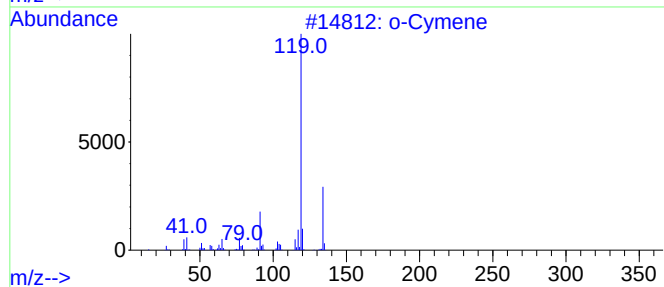
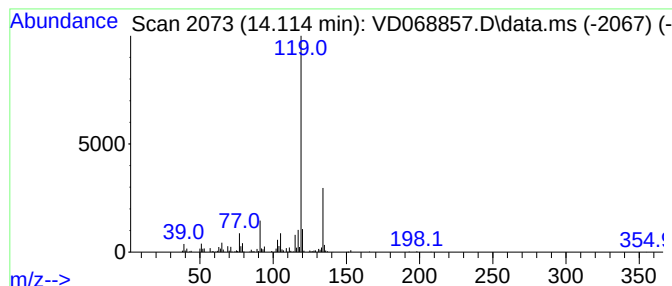
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.114	13.19 ug/l	497299	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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FS-SB12A(61-62)

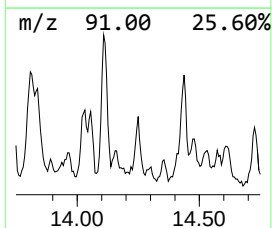
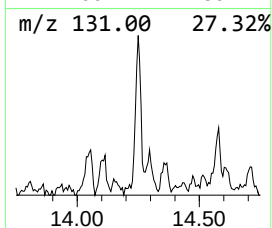
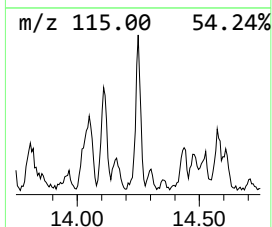
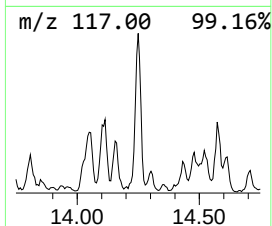
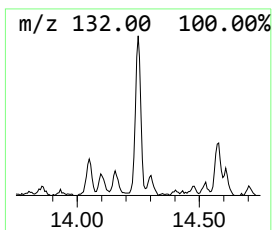
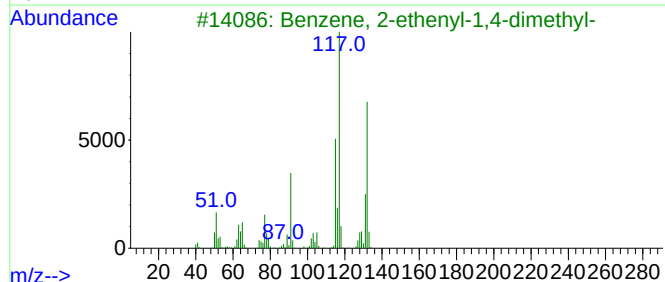
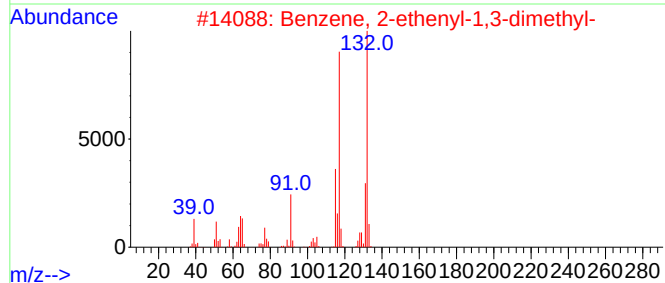
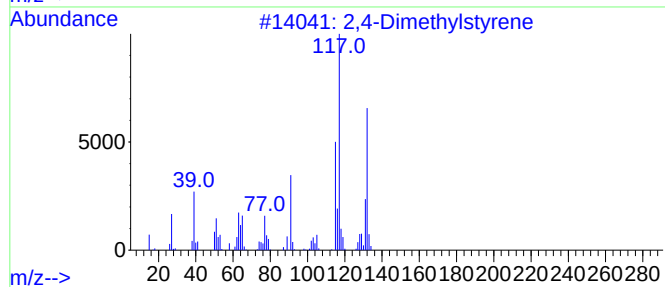
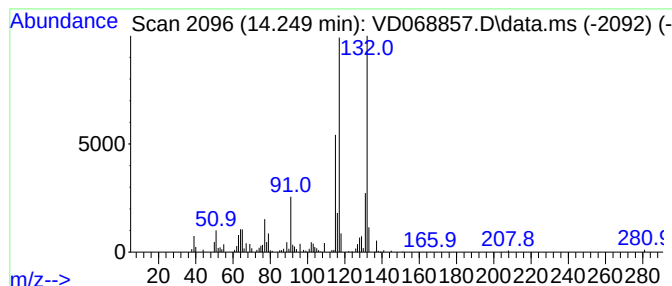
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Quant Title : SW846 8260

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

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.249	5.03 ug/l	189654	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068857.D
Acq On : 15 Apr 2021 15:43
Operator : VA/SY
Sample : M2042-06
Misc : 5.81G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

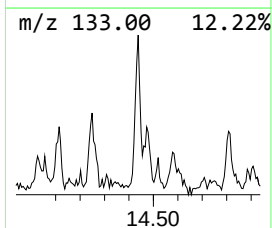
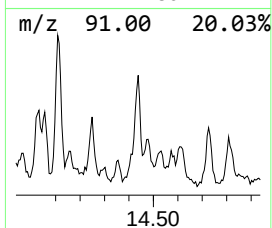
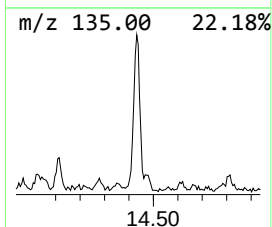
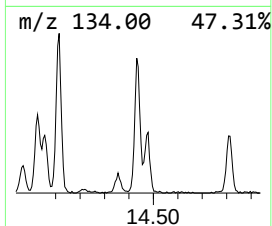
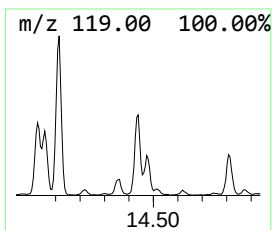
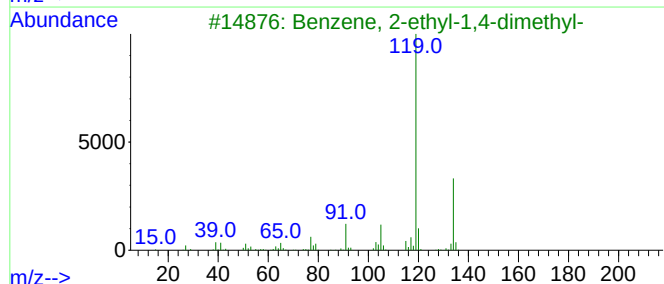
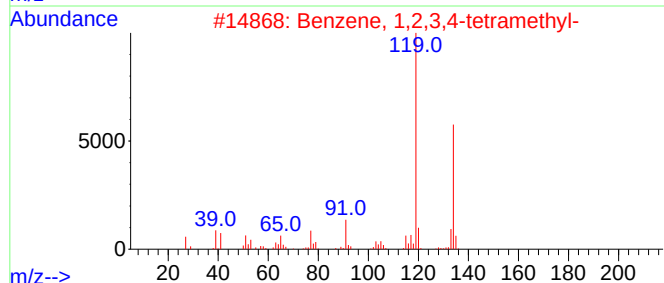
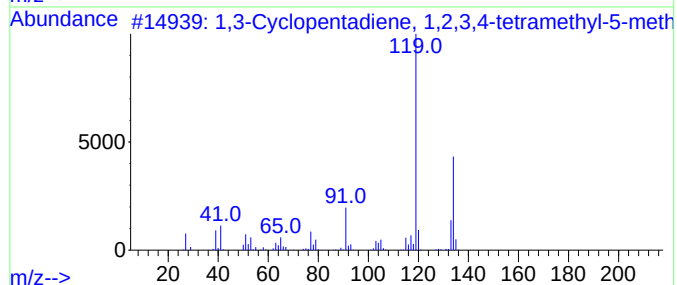
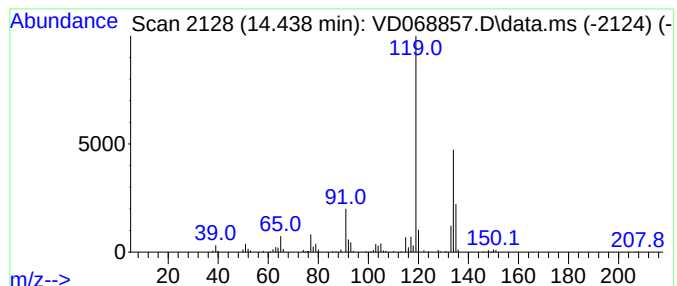
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Quant Title : SW846 8260

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

Peak Number 7 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.438	7.07 ug/l	266510	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068857.D
Acq On : 15 Apr 2021 15:43
Operator : VA/SY
Sample : M2042-06
Misc : 5.81G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

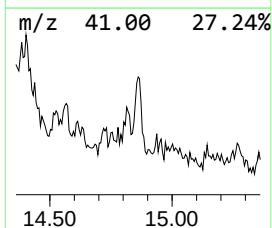
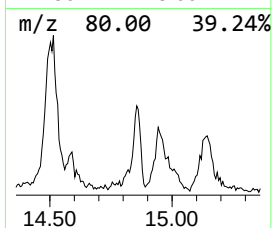
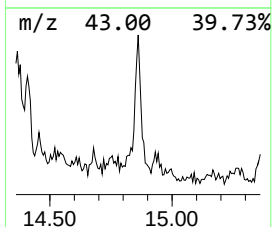
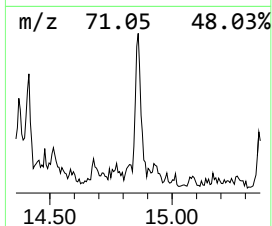
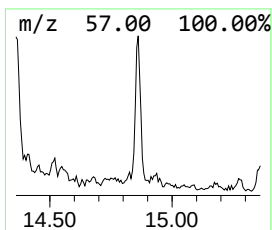
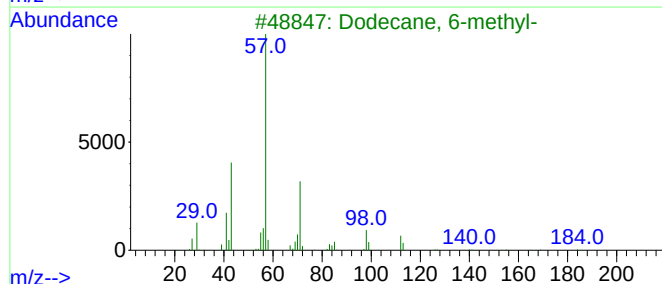
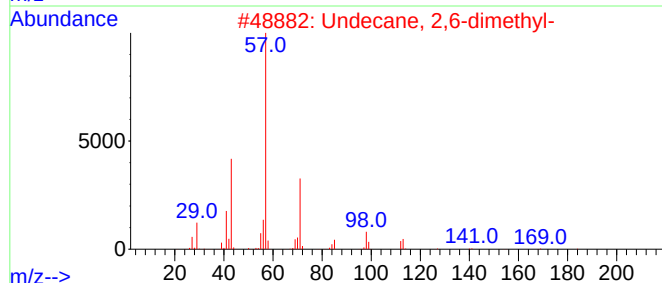
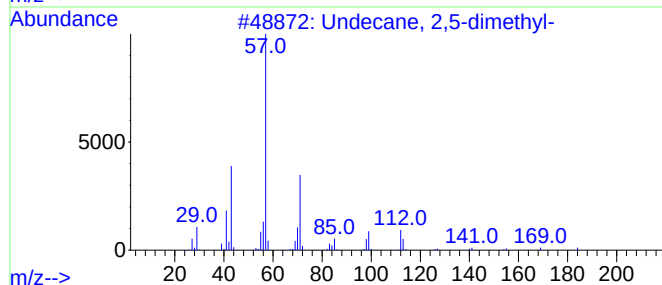
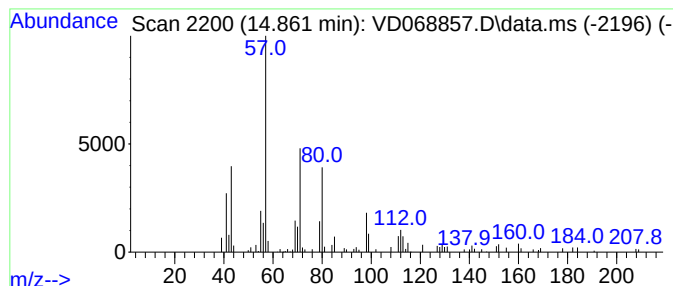
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	5.62 ug/l	211945	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	87
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068857.D
Acq On : 15 Apr 2021 15:43
Operator : VA/SY
Sample : M2042-06
Misc : 5.81G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

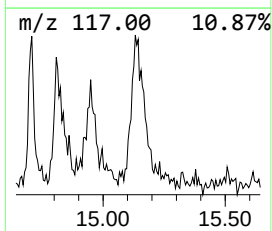
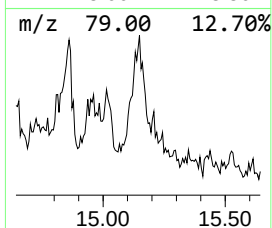
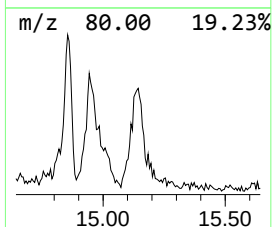
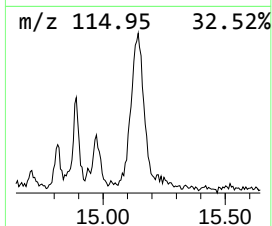
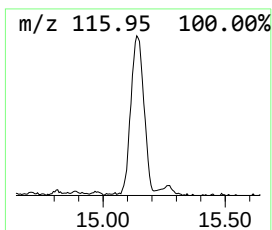
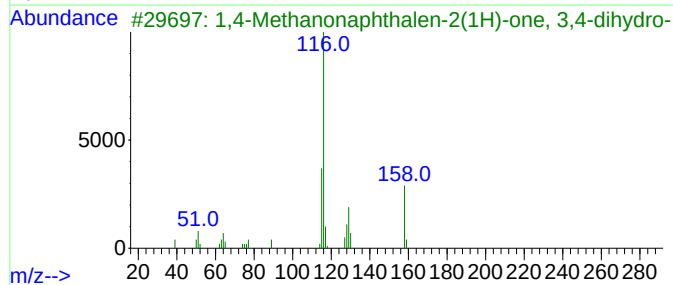
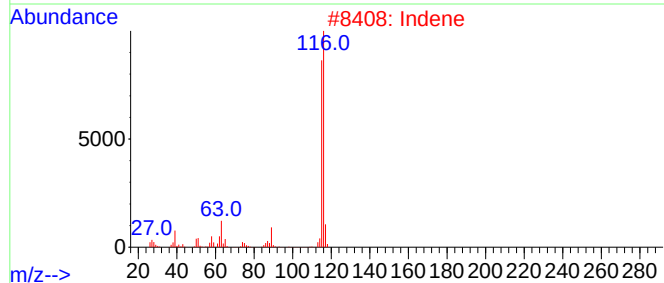
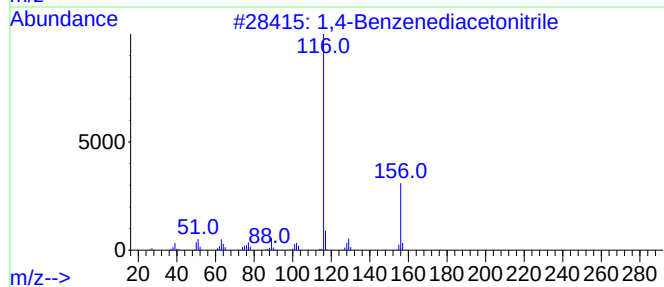
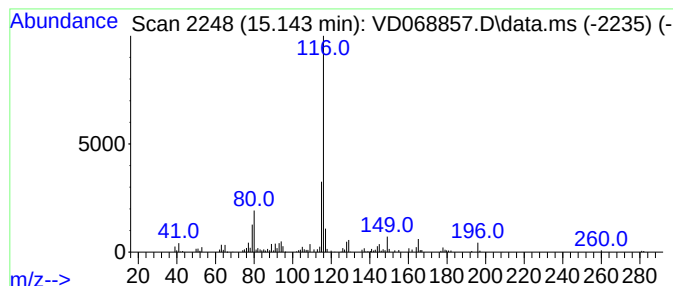
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.143 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.143	9.22 ug/l	347556	1,4-Dichlorobenzene-d4	13.573

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Benzenediacetonitrile	156	C10H8N2	000622-75-3	47
2		Indene	116	C9H8	000095-13-6	43
3		1,4-Methanonaphthalen-2(1H)-one,...	158	C11H10O	007374-90-5	40
4		1,4-Methanonaphthalen-2-ol, 1,2,...	160	C11H12O	013153-75-8	40
5		3,4,4a,9a-Tetrahydrofluorene	170	C13H14	052652-40-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068857.D
Acq On : 15 Apr 2021 15:43
Operator : VA/SY
Sample : M2042-06
Misc : 5.81G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

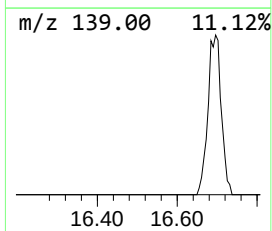
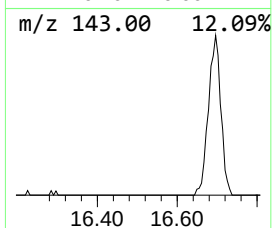
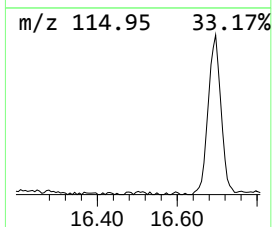
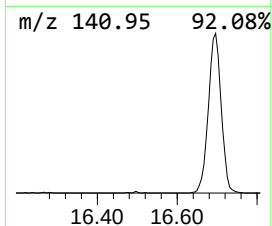
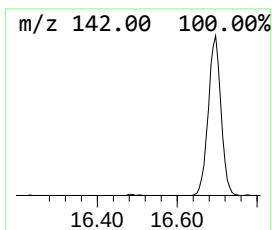
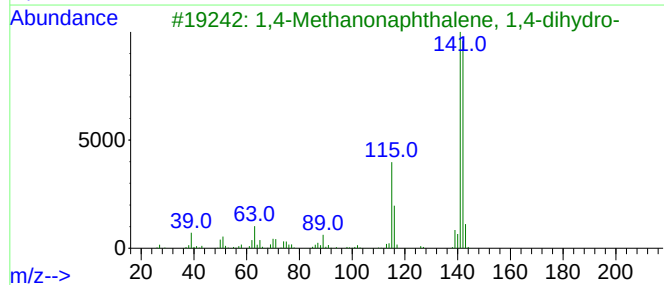
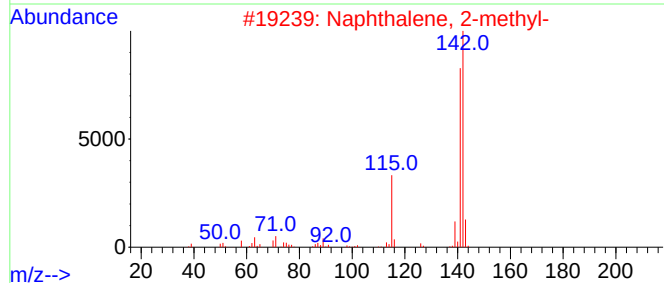
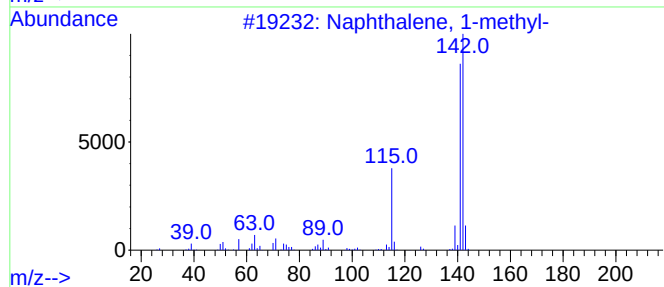
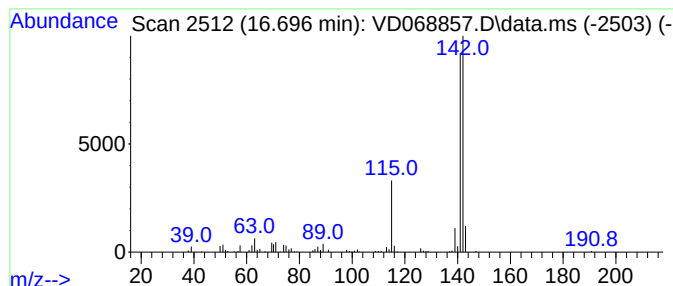
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.696	11.36 ug/l	428464	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	87
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068857.D
Acq On : 15 Apr 2021 15:43
Operator : VA/SY
Sample : M2042-06
Misc : 5.81G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.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
Benzene, 1-meth...	13.455	8.9	ug/l	336372	4	13.573	1885760	50.0
Benzene, 1,3-di...	13.732	10.6	ug/l	398559	4	13.573	1885760	50.0
Benzene, 1-ethy...	13.808	17.6	ug/l	665024	4	13.573	1885760	50.0
o-Cymene	14.032	5.1	ug/l	191659	4	13.573	1885760	50.0
Benzene, 1-ethy...	14.114	13.2	ug/l	497299	4	13.573	1885760	50.0
2,4-Dimethylsty...	14.249	5.0	ug/l	189654	4	13.573	1885760	50.0
1,3-Cyclopentad...	14.438	7.1	ug/l	266510	4	13.573	1885760	50.0
Undecane, 2,5-d...	14.861	5.6	ug/l	211945	4	13.573	1885760	50.0
unknown15.143	15.143	9.2	ug/l	347556	4	13.573	1885760	50.0
Naphthalene, 1-...	16.696	11.4	ug/l	428464	4	13.573	1885760	50.0