

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042587.D
Acq On : 29 May 2025 15:44
Operator : SY/MD
Sample : VL0529ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 3

Start Thrs: 0.001

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: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

Signal : TIC: VL042587.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.434	411	416	420	rBV	916421	524348	54.73%	11.321%
2	2.793	825	836	845	rBV	374343	386862	40.38%	8.353%
3	3.968	1182	1199	1214	rBV	470181	762331	79.56%	16.460%
4	8.891	2706	2720	2730	rBV	627569	931372	97.21%	20.109%
5	8.950	2730	2738	2750	rVB2	37002	59918	6.25%	1.294%
6	10.383	3172	3181	3193	rBV	779202	958144	100.00%	20.687%
7	11.617	3544	3562	3565	rBV5	24905	55812	5.83%	1.205%
8	11.629	3565	3566	3581	rVB	25346	31841	3.32%	0.687%
9	11.782	3600	3613	3621	rVB3	89237	106824	11.15%	2.306%
10	13.170	4019	4042	4054	rBV4	83311	231624	24.17%	5.001%
11	13.245	4057	4065	4080	rVB	48576	112787	11.77%	2.435%
12	13.711	4189	4209	4229	rBV6	110013	240784	25.13%	5.199%
13	14.351	4392	4407	4422	rBV2	128965	228889	23.89%	4.942%

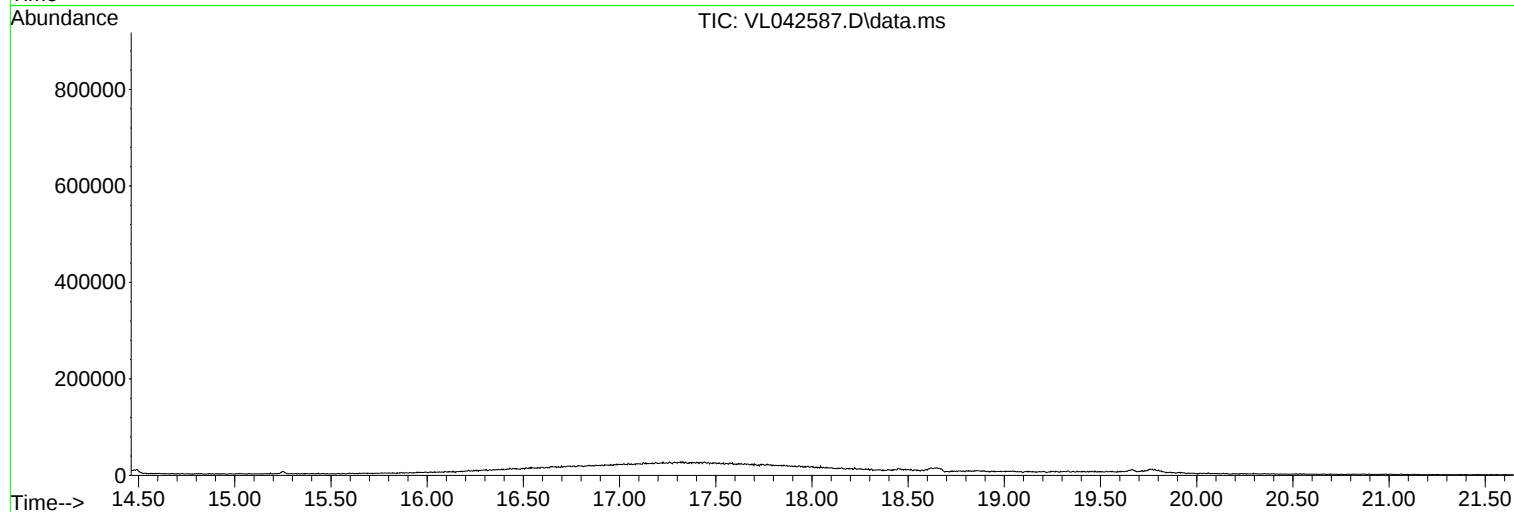
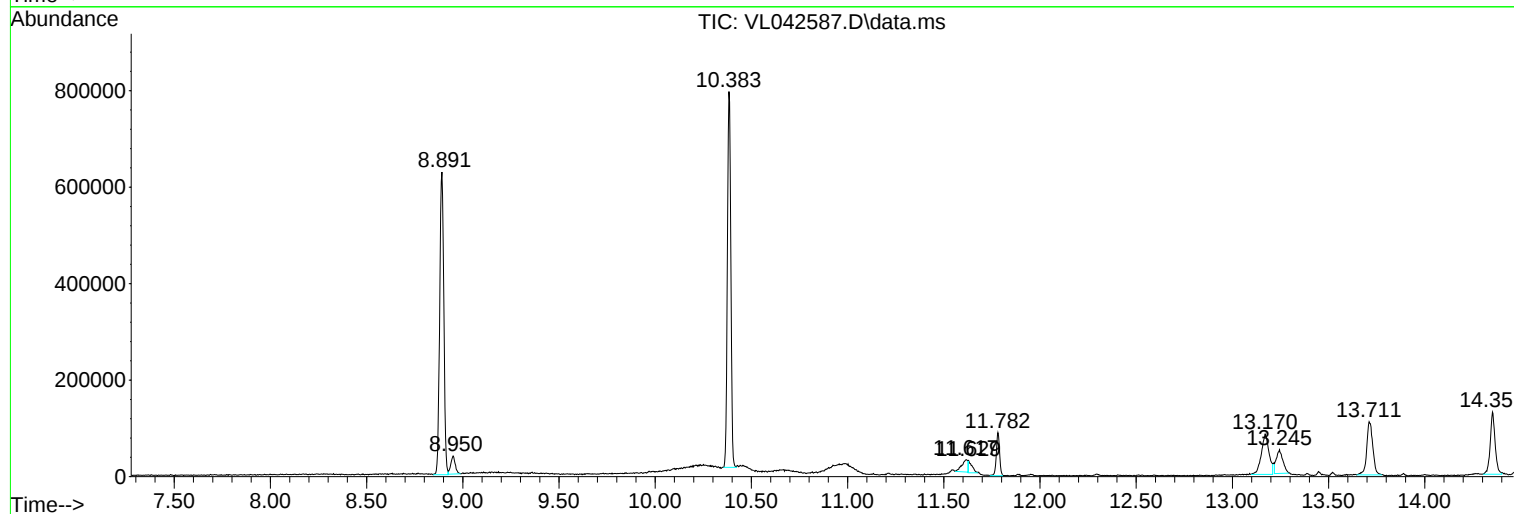
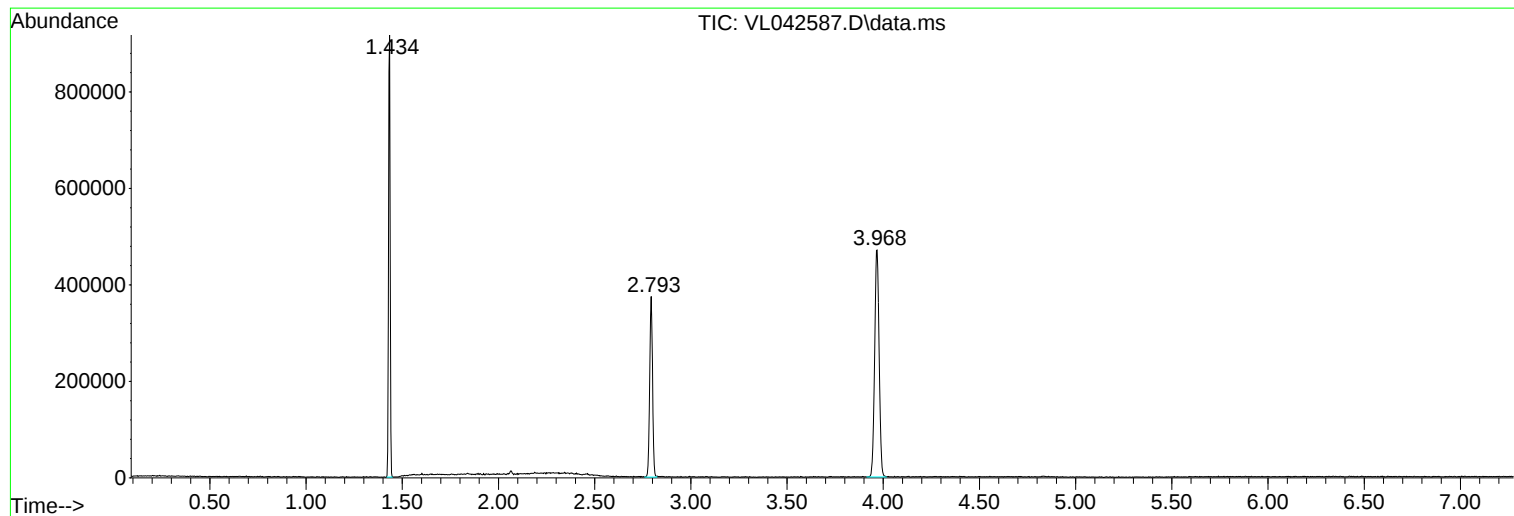
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Instrument :
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ClientSampleId :
VL0529ABL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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



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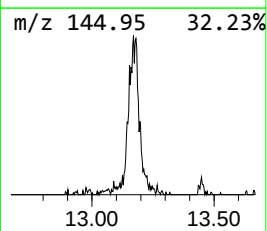
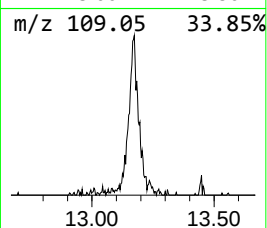
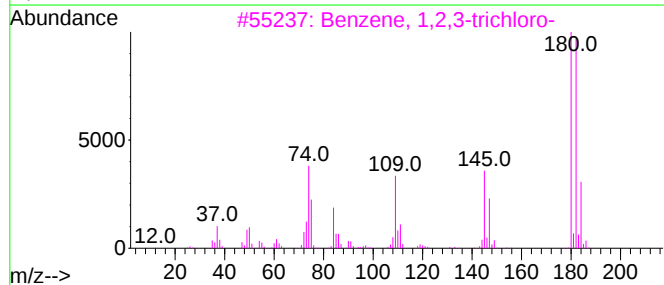
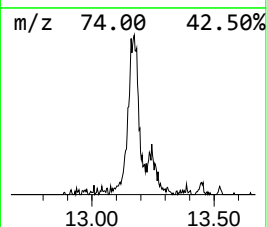
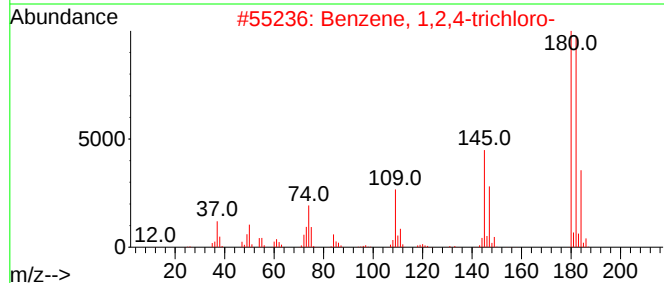
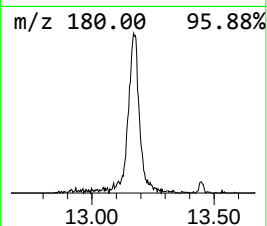
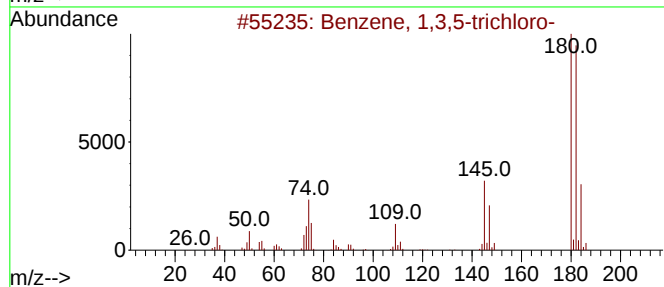
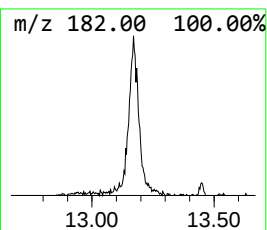
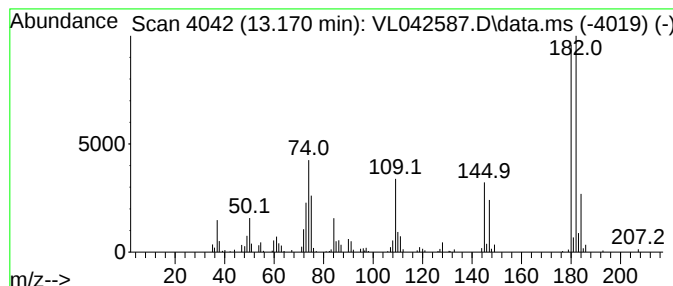
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 3 Benzene, 1,3,5-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	2.49 ppbv	231624	Chlorobenzene-d5	8.891

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
2			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
3			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95
4			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95
5			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94



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Instrument :
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ClientSampleId :
VL0529ABL01

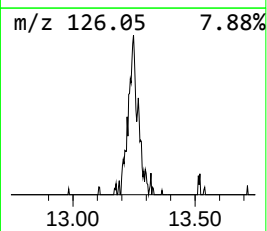
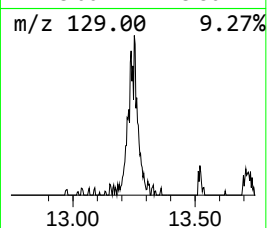
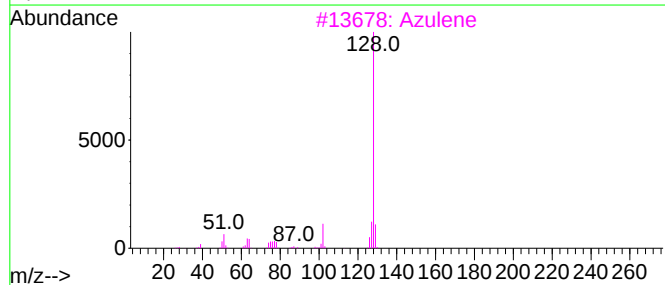
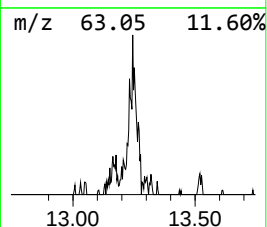
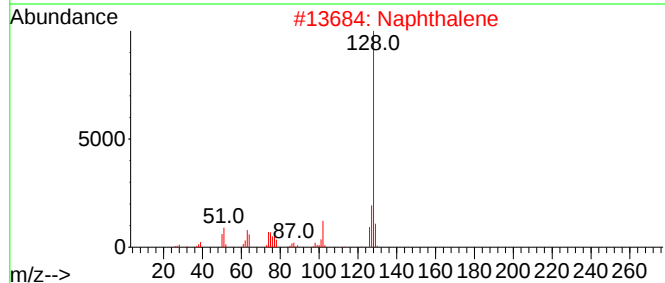
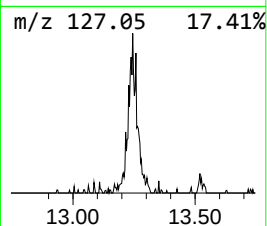
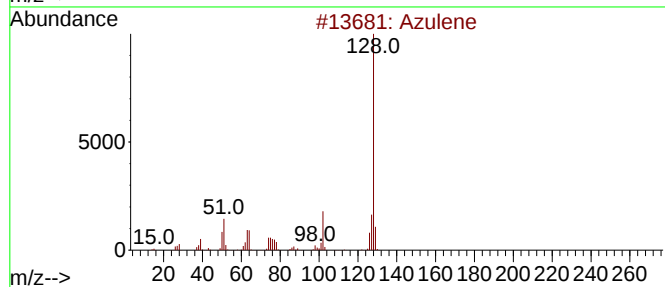
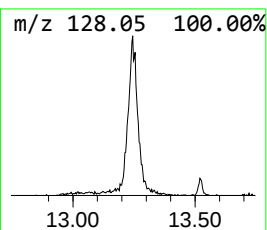
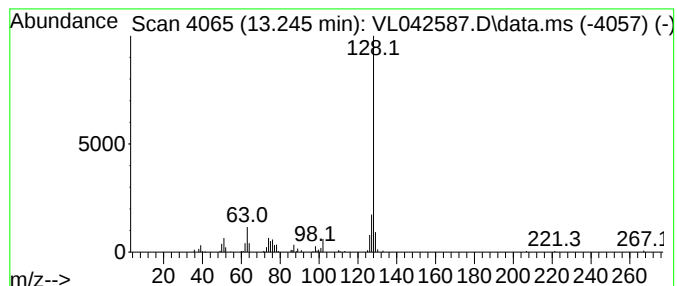
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 4 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	1.21 ppbv	112787	Chlorobenzene-d5	8.891

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	86
2			Naphthalene	128	C10H8	000091-20-3	83
3			Azulene	128	C10H8	000275-51-4	80
4			Naphthalene	128	C10H8	000091-20-3	80
5			Naphthalene	128	C10H8	000091-20-3	72



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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

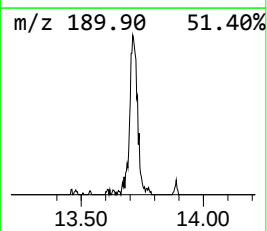
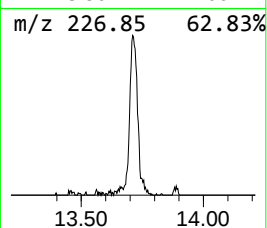
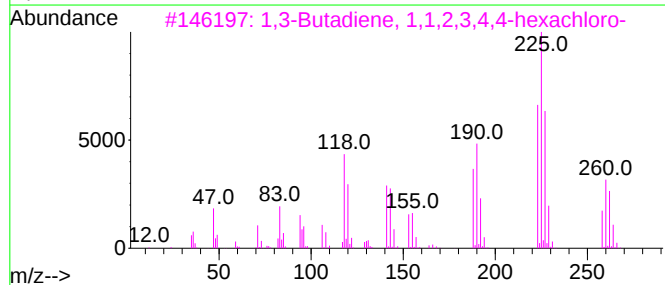
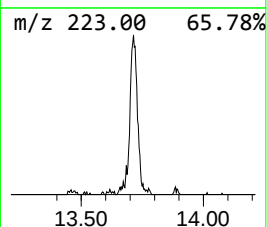
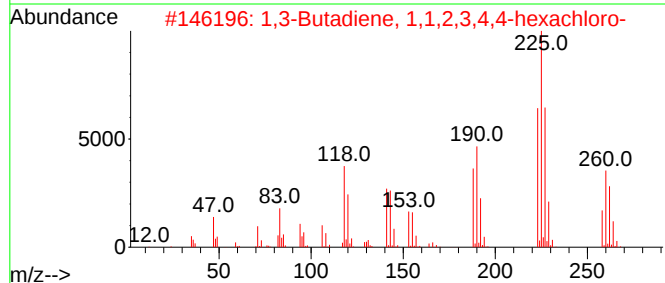
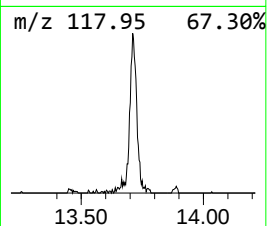
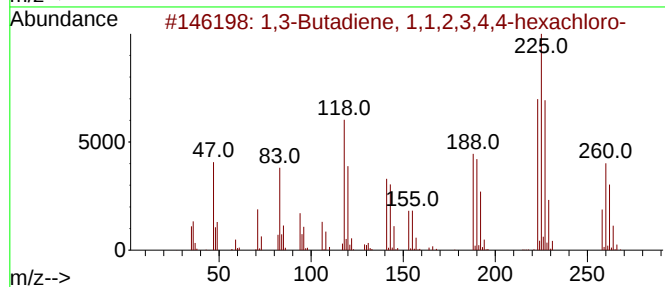
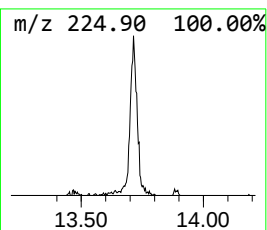
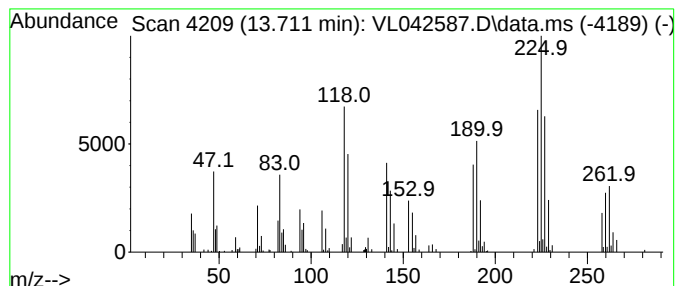
Instrument :
MSVOA_L
ClientSampleId :
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Peak Number 5 1,3-Butadiene, 1,1,2,3,4,4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.711	2.59 ppbv	240784	Chlorobenzene-d5	8.891	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
2	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
3	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
4	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	98
5	2-Bromo-6-chloro-4-fluoroaniline	223	C6H4BrClFN	201849-14-1	22



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL01

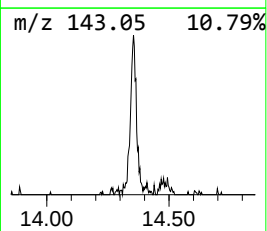
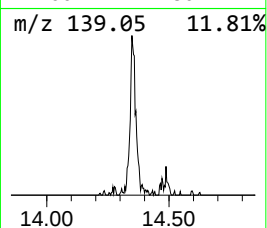
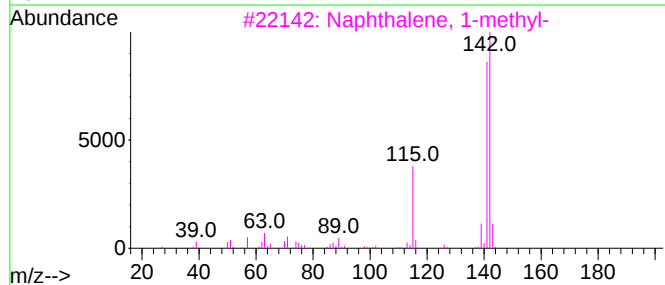
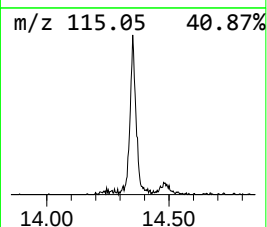
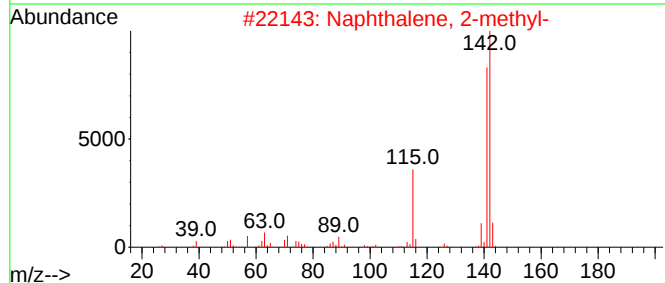
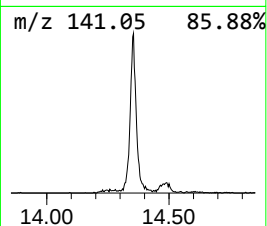
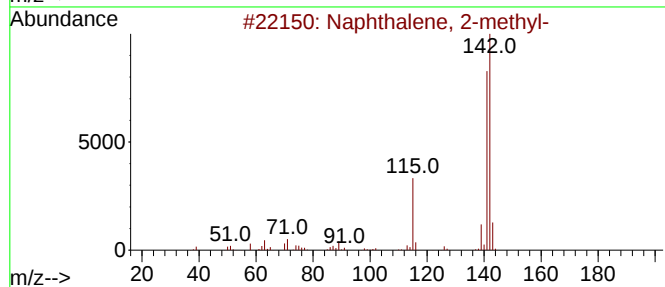
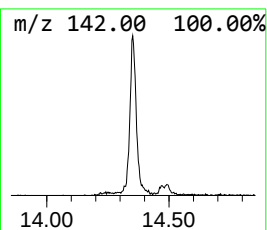
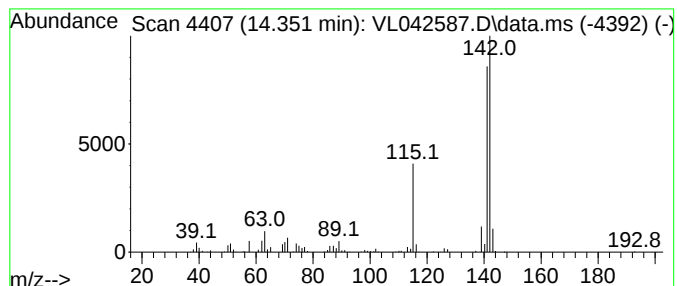
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.352	2.46 ppbv	228889	Chlorobenzene-d5	8.891

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Benzocycloheptatriene	142	C11H10	000264-09-5	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3,5-...	13.170	2.5	ppbv	231624	3	8.891	931372	10.0
Azulene	13.245	1.2	ppbv	112787	3	8.891	931372	10.0
1,3-Butadiene, ...	13.711	2.6	ppbv	240784	3	8.891	931372	10.0
Naphthalene, 2-...	14.352	2.5	ppbv	228889	3	8.891	931372	10.0